



**5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following**

- 1. Soft skills**
- 2. Language and communication skills**
- 3. Life skills (Yoga, physical fitness, health and hygiene)**
- 4. ICT/computing skills**

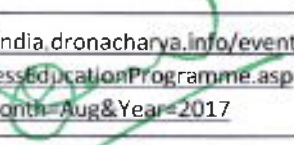
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## DRONACHARYA GROUP OF INSTITUTIONS, GREATER NOIDA

### 5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following (10)

#### 1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. ICT/computing skills

Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)	Scheme of the activity	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)	links
Run for Rio - Khelo or Jiyo	31-07-2016	Life Skills	130	Sports Authority of India, Ministry of Youth Affairs and Sports	<a href="https://gnindia.dronacharya.info/events/Run_Rio_2016.aspx?Month=Jul&amp;Year=2016">https://gnindia.dronacharya.info/events/Run_Rio_2016.aspx?Month=Jul&amp;Year=2016</a>
QEEE Session on "Input and Output Streams - Interfaces, Packages and Vectors, Files - OOP Stream"	08/02/2016	ICT/Computing Skills	39 students	organized by IIT Madras	<a href="https://gnindia.dronacharya.info/events/Input_Output_Streams_2016.aspx?Month=Aug&amp;Year=2016">https://gnindia.dronacharya.info/events/Input_Output_Streams_2016.aspx?Month=Aug&amp;Year=2016</a>
QEEE Session on "Linear Data Structures and Applications - Data Structures and Algorithms"	26-08-2016	ICT/Computing Skills	90 students	IIT Madras	<a href="https://gnindia.dronacharya.info/events/Linear_Data_2016.aspx?Month=Aug&amp;Year=2016">https://gnindia.dronacharya.info/events/Linear_Data_2016.aspx?Month=Aug&amp;Year=2016</a>
Student Training Program on Big Data Analytics	20-01-2017	ICT/Computing Skills	120 students	conducted by NITTR, Chandigarh	<a href="https://gnindia.dronacharya.info/events/BigDataAnalytics_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/BigDataAnalytics_2017.aspx?Month=Jan&amp;Year=2017</a>
Session on Technology Trends and Future Research	08/10/2016	ICT/Computing Skills	Adarsh Nair, Arshnoor Tandon and Sachin Verma	Confederation of Indian Industries (CII)	<a href="https://gnindia.dronacharya.info/events/APJ_Abdul_2016.aspx?Month=Aug&amp;Year=2016">https://gnindia.dronacharya.info/events/APJ_Abdul_2016.aspx?Month=Aug&amp;Year=2016</a>
Workshop on Research Methodologies and Modelling Techniques	16-09-2016	ICT/Computing Skills	54 students	conducted by Mr. Prashant Kumar, Scientist CSIR-CSIO Chandigarh	<a href="https://gnindia.dronacharya.info/events/Research_Methodologies_2016.aspx?Month=Sep&amp;Year=2016">https://gnindia.dronacharya.info/events/Research_Methodologies_2016.aspx?Month=Sep&amp;Year=2016</a>
Hands on Workshop on Inside JAVA	17-11-2016	ICT/Computing Skills	80	organized by the Department of Computer Science and Engineering, Dronacharya Group of Institutions, Greater Noida	<a href="https://gnindia.dronacharya.info/events/Inside_JAVA_2016.aspx?Month=Nov&amp;Year=2016">https://gnindia.dronacharya.info/events/Inside_JAVA_2016.aspx?Month=Nov&amp;Year=2016</a>
International Yoga Day	21-06-2017	Life Skills	65	association with Patanjali Yogpeeth and The Art of Living	<a href="https://gnindia.dronacharya.info/events/International_Yoga_2017.aspx?Month=Jun&amp;Year=2017">https://gnindia.dronacharya.info/events/International_Yoga_2017.aspx?Month=Jun&amp;Year=2017</a>
Awareness cum Education Programme on Positivity and Balanced Life for Digital Youth	25-08-2017	Life Skills	165	Department of Applied Sciences & Humanities, DGI	<a href="https://gnindia.dronacharya.info/events/AwarenessEducationProgramme.aspx?Month=Aug&amp;Year=2017">https://gnindia.dronacharya.info/events/AwarenessEducationProgramme.aspx?Month=Aug&amp;Year=2017</a>

  
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Workshop On Microsoft Azure & Node.js	19-08- 2017	ICT/Computing Skills	Five students from Computer Science Engineering Department	Dronacharya Group of Institutions, Greater Noida	<a href="https://gnindia.dronacharya.info/events/MicrosoftAzure_2017.aspx?Month=Aug&amp;Year=2017">https://gnindia.dronacharya.info/events/MicrosoftAzure_2017.aspx?Month=Aug&amp;Year=2017</a>
QEEE session on "Introduction to DBMS - Database Management Systems"	25-09- 2017	ICT/Computing Skills	35 students from B-Tech (CSE/IT) 5th semester	IIT Madras	<a href="https://gnindia.dronacharya.info/events/DBMS_2017.aspx?Month=Sep&amp;Year=2017">https://gnindia.dronacharya.info/events/DBMS_2017.aspx?Month=Sep&amp;Year=2017</a>
Awareness Programme on Support for Entrepreneurial and Managerial Development of SMEs Through Incubators	31-01- 2017	ICT/Computing Skills	36 students	Ministry of MSME, Govt. of India through MSME - DI	<a href="https://gnindia.dronacharya.info/events/events-Jan-2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/events-Jan-2017.aspx?Month=Jan&amp;Year=2017</a>
A one day workshop on "Android Application Development"	22-09- 2017	ICT/Computing Skills	39 students from B-Tech 2nd Year CSE attended the session	DGI-CSI Student Chapter	<a href="https://gnindia.dronacharya.info/events/AndroidApplication1_2017.aspx?Month=Sep&amp;Year=2017">https://gnindia.dronacharya.info/events/AndroidApplication1_2017.aspx?Month=Sep&amp;Year=2017</a>
awareness session on Spoken Tutorial	17-02- 2017	Language and Communication Skills	134 students	collaboration with IIT Bombay	<a href="https://gnindia.dronacharya.info/events/SpokenTutorial.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/SpokenTutorial.aspx?Month=Feb&amp;Year=2017</a>
Workshop on Rapid Prototyping and 3D Printing	27 -01- 2017	ICT/Computing Skills	21 students	DGI SAEINDIA Collegiate Club	<a href="https://gnindia.dronacharya.info/events/RapidPrototyping_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/RapidPrototyping_2017.aspx?Month=Jan&amp;Year=2017</a>
Slogan Writing Competition On Ethical Voting	13-01- 2017	Soft Skills	45	NSS Wing of Dronacharya Group of institutions, Greater Noida organized	<a href="https://gnindia.dronacharya.info/events/SloganWriting_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/SloganWriting_2017.aspx?Month=Jan&amp;Year=2017</a>
Neighbourhood Youth Parliament on Ethical Voting for Sustainable Development and Young Voters	24-1-2017	Life Skills	35	organized by District Administration, Greater Noida	<a href="https://gnindia.dronacharya.info/events/EthicalVoting_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/EthicalVoting_2017.aspx?Month=Jan&amp;Year=2017</a>
Health Awareness Session on Diabetes	18-11-2016	Life Skills	55	association with Confederation of Indian Industries (CII) and Dr. Reddy's Foundation for Health Education (DRFHE)	<a href="https://gnindia.dronacharya.info/events/CII_2016.aspx?Month=Nov&amp;Year=2016">https://gnindia.dronacharya.info/events/CII_2016.aspx?Month=Nov&amp;Year=2016</a>
Introductory course on 3D Animation Using Blender	26-01- 2017	ICT/Computing Skills	10 students	conducted by IIT Bombay	<a href="https://gnindia.dronacharya.info/events/IIT_BombayX_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/IIT_BombayX_2017.aspx?Month=Jan&amp;Year=2017</a>
Workshop on C Language	27/10/2016	ICT/Computing Skills	56 students	association with Aprtron Solutions Pvt. Ltd.	<a href="https://gnindia.dronacharya.info/events/Event_Oct_2016.aspx?Month=Oct&amp;Year=2016">https://gnindia.dronacharya.info/events/Event_Oct_2016.aspx?Month=Oct&amp;Year=2016</a>

Run and Cultural Program on Universal Brotherhood Day Celebration	11/11/2016	Life Skills	124 NSS Volunteers	Vivekanand Kendra, Kanayakumari, Delhi Branch organized	<a href="https://gnindia.dronacharya.info/events/Universal_Brotherhood_2016.aspx?Month=Sep&amp;Year=2016">https://gnindia.dronacharya.info/events/Universal_Brotherhood_2016.aspx?Month=Sep&amp;Year=2016</a>
Workshop on Research Methodologies and Modelling Techniques	16-09-2016	ICT/Computing Skills	54 students	conducted by Mr. Prashant Kumar, Scientist CSIR-CSIO Chandigarh	<a href="https://gnindia.dronacharya.info/events/Research_Methodologies_2016.aspx?Month=Sep&amp;Year=2016">https://gnindia.dronacharya.info/events/Research_Methodologies_2016.aspx?Month=Sep&amp;Year=2016</a>
International workshop on amateur radio communication and computing in educational environment	14-09-2016	ICT/Computing Skills	Aditi Biswas, Deepak Kumar, Madhvi Priya, Raj Kumar Singh, Shweta Sharma and Siddhant Bansal	organized by ABES Engineering College, Ghaziabad	<a href="https://gnindia.dronacharya.info/events/Amateur_Radio_2016.aspx?Month=Sep&amp;Year=2016">https://gnindia.dronacharya.info/events/Amateur_Radio_2016.aspx?Month=Sep&amp;Year=2016</a>
QEEE session on 'Fundamental of Laplace Transform'	24-01-2017	ICT/Computing Skills	B. Tech. 1st Year CSE students	organized by IIT, Madras	<a href="https://gnindia.dronacharya.info/events/LaplaceTransform_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/LaplaceTransform_2017.aspx?Month=Jan&amp;Year=2017</a>
Awareness Workshop for Smart India Hackathon	18-01-2017	ICT/Computing Skills	Vikas Rai, Sachin Verma & Apratim	All India Council for Technical Education (AICTE), under the aegis of Ministry of Human Resource Development, Govt. of India in association with Inter Institutional Inclusive Innovation Center (i4c)	<a href="https://gnindia.dronacharya.info/events/SmartIndia_2017.aspx?Month=Jan&amp;Year=2017">https://gnindia.dronacharya.info/events/SmartIndia_2017.aspx?Month=Jan&amp;Year=2017</a>
awareness session on Spoken Tutorial	17-02-2017	Language and Communication Skills	134 students	collaboration with IIT Bombay	<a href="https://gnindia.dronacharya.info/events/SpokenTutorial.aspx?Month=Feb&amp;Year=2017">https://gnindia.dronacharya.info/events/SpokenTutorial.aspx?Month=Feb&amp;Year=2017</a>
CISCO - Workshop On Basic Concept of Computer Network Design	28-03-2017	ICT/Computing Skills	50 students	DGI - IEEE Student Chapter in association with DGI - CISCO Networking Academy	<a href="https://gnindia.dronacharya.info/events/CISCO_Workshop_2017.aspx?Month=Mar&amp;Year=2017">https://gnindia.dronacharya.info/events/CISCO_Workshop_2017.aspx?Month=Mar&amp;Year=2017</a>
workshop on "Web Development Application"	03/02/2017	ICT/Computing Skills	42 students	association with Robotech Labs	<a href="https://gnindia.dronacharya.info/events/WebDevelopmentApplication_2017.aspx?Month=Mar&amp;Year=2017">https://gnindia.dronacharya.info/events/WebDevelopmentApplication_2017.aspx?Month=Mar&amp;Year=2017</a>
20th IIRS Outreach Programme on "Microwave Radar Remote Sensing and its Applications"	10/04/2017	ICT/Computing Skills	30 students	organized by IIRS Derhadun under EDUSAT	<a href="https://gnindia.dronacharya.info/events/IIRS_Outreach_Programme_2017.aspx?Month=Apr&amp;Year=2017">https://gnindia.dronacharya.info/events/IIRS_Outreach_Programme_2017.aspx?Month=Apr&amp;Year=2017</a>
Workshop on Basic Concept of Python Programming	04/06/2017	ICT/Computing Skills	60 students	Foss Center - Dronacharya Group of Institutions, Greater Noida organized	<a href="https://gnindia.dronacharya.info/events/Python_Programming_2017.aspx?Month=Apr&amp;Year=2017">https://gnindia.dronacharya.info/events/Python_Programming_2017.aspx?Month=Apr&amp;Year=2017</a>

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Workshop on Drupal 8 Web Development	05/06/2017	ICT/Computing Skills	17 students	organized by DGI FOSS Center under the Spoken Tutorial Project of IIT Bombay	<a href="https://gnindia.dronacharya.info/events/Workshop_Drupal_2017.aspx?Month=Jun&amp;Year=2017">https://gnindia.dronacharya.info/events/Workshop_Drupal_2017.aspx?Month=Jun&amp;Year=2017</a>
Golden Jubilee National Seminar on Promotion of Skills & Technologies for Sustainable Rural Development in India	31-08 -2017	Life Skills	Two students from Civil Engineering and two students from Mechanical Engineering Department	National Institute of Technical Teachers Training And Research (NITTTR) Chandigarh	<a href="https://gnindia.dronacharya.info/events/PromotionSkills_2017.aspx?Month=Aug&amp;Year=2017">https://gnindia.dronacharya.info/events/PromotionSkills_2017.aspx?Month=Aug&amp;Year=2017</a>
A one day workshop on "Android Application Development"	22-09- 2017	ICT/Computing Skills	39 students from B-Tech 2nd Year CSE attended the session	DGI-CSI Student Chapter	<a href="https://gnindia.dronacharya.info/events/AndroidApplication1_2017.aspx?Month=Sep&amp;Year=2017">https://gnindia.dronacharya.info/events/AndroidApplication1_2017.aspx?Month=Sep&amp;Year=2017</a>
Workshop on "Introduction to Cryptography"	13-09-2017	Language and Communication Skills	First Semester students	Workshop was organised in association with DGI-IEEE Student Chapter	<a href="https://gnindia.dronacharya.info/events/Cryptography_2017.aspx?Month=Sep&amp;Year=2017">https://gnindia.dronacharya.info/events/Cryptography_2017.aspx?Month=Sep&amp;Year=2017</a>
ESSAY COMPETITION on Essay Competition on "Mai Swachhhta Ke Liye Kya Karunga/Karungi"	09/07/2017	Soft Skills	50 students of DGI Greater Noida	conducted under Swachh Sankalp Se Swachh Siddhi Program of Ministry of Drinking Sanitation, Government of India	<a href="https://gnindia.dronacharya.info/events/EssayCompetition_2017.aspx?Month=Sep&amp;Year=2017">https://gnindia.dronacharya.info/events/EssayCompetition_2017.aspx?Month=Sep&amp;Year=2017</a>
ENTREPRENEURSHIP AWARENESS CAMP (EAC)	30-10-2017	Life Skills	70 students from CSE, IT, ME, CE, ECE and EEE participated in the event	EDII Ahmedabad and DGI-EDC Coordinators	<a href="https://gnindia.dronacharya.info/events/Entrepreneurship2017.aspx?Month=Oct&amp;Year=2017">https://gnindia.dronacharya.info/events/Entrepreneurship2017.aspx?Month=Oct&amp;Year=2017</a>
WORKSHOP ON NC GUIDE SOFTWARE (CNC SIMULATOR)"	03/11/2017	ICT/Computing Skills	Third Year Mechanical Engineering students	FANUC India Pvt. Ltd. And DGI-SAE India Collegiate Club	<a href="https://gnindia.dronacharya.info/events/WorkshopNCGuideSoftware.aspx?Month=Nov&amp;Year=2017">https://gnindia.dronacharya.info/events/WorkshopNCGuideSoftware.aspx?Month=Nov&amp;Year=2017</a>

  
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1st KHELO INDIA SCHOOL GAMES	31-01-2018	Life Skills	Seven members of the DGI-NSS Wing participated in the KISG as volunteers. ABHISHEKK TIWARI, DEVESH PRATAP SINGH, DEEPAK YADAV, BISHAL KR SAHANI, AVINASH RANJAN, ASHISH KUMAR VERMA, ANKIT DHOBAL	DGI-NSS Wing	<a href="https://gnindia.dronacharya.info/events/KheloIndiaSchool.aspx?Month=Jan&amp;Year=2018">https://gnindia.dronacharya.info/events/KheloIndiaSchool.aspx?Month=Jan&amp;Year=2018</a>
QEEE Project Activity Signal System and Communication	27-02-2018	ICT/Computing Skills	11 students of B.Tech (ECE) 6th Semester registered and attended the session	IIT, Madras under D2S (Direct to Student) Program	<a href="https://gnindia.dronacharya.info/events/SignalSystem_2018.aspx?Month=Feb&amp;Year=2018">https://gnindia.dronacharya.info/events/SignalSystem_2018.aspx?Month=Feb&amp;Year=2018</a>
Workshop on Microcontroller Design (MSP430)	16-02-2018	ICT/Computing Skills		TEXAS INSTRUMENTS & AKTU Lucknow	<a href="https://gnindia.dronacharya.info/events/Workshop_Microcontroller_Design2018.aspx?Month=Feb&amp;Year=2018">https://gnindia.dronacharya.info/events/Workshop_Microcontroller_Design2018.aspx?Month=Feb&amp;Year=2018</a>
QEEE session on Object Oriented Concepts - Classes and Data Abstraction- Operator Overloading- Inheritance	14-03-2018	ICT/Computing Skills	36 students from B-Tech CSE, IT and CSIT 4th and 6th semesters enrolled for the course	IIT Madras	<a href="https://gnindia.dronacharya.info/events/ObjectOrientedConcepts2018.aspx?Month=Mar&amp;Year=2018">https://gnindia.dronacharya.info/events/ObjectOrientedConcepts2018.aspx?Month=Mar&amp;Year=2018</a>
INTERNATIONAL YOGA DAY	21-06-2018	Life Skills		Dronacharya Group of Institutions, Greater Noida in association with Sri Sri School of Yoga, Bangalore	<a href="https://gnindia.dronacharya.info/events/YogaDay2018.aspx?Month=June&amp;Year=2018">https://gnindia.dronacharya.info/events/YogaDay2018.aspx?Month=June&amp;Year=2018</a>
Summer Training Program on Core JAVA	07/09/2018	ICT/Computing Skills	Students of B. Tech 2nd and 3rd year from various departments	Department of Computer Science & Engineering, Dronacharya Group of Institutions	<a href="https://gnindia.dronacharya.info/events/SummerTrainingJava.aspx?Month=Jul&amp;Year=2018">https://gnindia.dronacharya.info/events/SummerTrainingJava.aspx?Month=Jul&amp;Year=2018</a>

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Summer Training Programme On Arduino	07/09/2018	ICT/Computing Skills	Students of B. Tech 2nd and 3rd year	Department of Computer Science & Engineering, Dronacharya Group of Institutions	<a href="https://gnindia.dronacharya.info/event/s/SummerTrainingArduino.aspx?Month=Jul&amp;Year=2018">https://gnindia.dronacharya.info/event/s/SummerTrainingArduino.aspx?Month=Jul&amp;Year=2018</a>
One Day Hands-on Workshop on JAVA	17-09- 2018	ICT/Computing Skills	B. Tech 3rd and 4th year CSE and CSIT Department	Department of Computer Science & Engineering, Dronacharya Group of Institutions, Greater Noida in association with DGI - CSI Student Branch	<a href="https://gnindia.dronacharya.info/event/s/OnedayWorkshopJava2018.aspx?Month=Sep&amp;Year=2018">https://gnindia.dronacharya.info/event/s/OnedayWorkshopJava2018.aspx?Month=Sep&amp;Year=2018</a>
One Day Workshop on Web Development	09/01/2018	ICT/Computing Skills	CSE / CSIT students of B. Tech 2nd year.	Department of Computer Science Engineering in association with DGI-CSI Student Branch	<a href="https://gnindia.dronacharya.info/event/s/OneDayWorkshopDevelopment2018.aspx?Month=Sep&amp;Year=2018">https://gnindia.dronacharya.info/event/s/OneDayWorkshopDevelopment2018.aspx?Month=Sep&amp;Year=2018</a>
A one day workshop on Business Dining Etiquettes	11/02/2018	ICT/Computing Skills	MBA Students	Dronacharya Group of Institutions, Greater Noida	<a href="https://gnindia.dronacharya.info/event/s/WorkshopBusiness-2018.aspx?Month=Nov&amp;Year=2018">https://gnindia.dronacharya.info/event/s/WorkshopBusiness-2018.aspx?Month=Nov&amp;Year=2018</a>
Dr. Abdul Kalam Technical, Literary and Management Fest 2018-19 (Zonal)	30-01- 2019	Soft Skills	53 students	Dr. APJ Abdul Kalam Technical University, Lucknow	<a href="https://gnindia.dronacharya.info/event/s/ManagementFest2019.aspx?Month=Jan&amp;Year=2019">https://gnindia.dronacharya.info/event/s/ManagementFest2019.aspx?Month=Jan&amp;Year=2019</a>
National Voters' Day	25-01-2019	Life Skills	All Students	Dronacharya Group of Institutions, Greater Noida	<a href="https://gnindia.dronacharya.info/event/s/NationalVotersDay2019.aspx?Month=Jan&amp;Year=2019">https://gnindia.dronacharya.info/event/s/NationalVotersDay2019.aspx?Month=Jan&amp;Year=2019</a>
Panel Discussion On International Best Practices of Academia Corporate Interface in Research and Innovation	17-01- 2019	ICT/Computing Skills	Students Ms. Tanya Yadav (MGT) and Ms. Mahima Narula (MGT)	PHDCCI in association with Canada India Foundation	<a href="https://gnindia.dronacharya.info/event/s/HigherEducation_ForumIndia2019.aspx?Month=Jan&amp;Year=2019">https://gnindia.dronacharya.info/event/s/HigherEducation_ForumIndia2019.aspx?Month=Jan&amp;Year=2019</a>
SMART INDIA HACKATHON 2019 GRAND FINALE (SOFTWARE EDITION)	03/02/2019	ICT/Computing Skills	6 Students	MOE Innovation Cell, AICTE, Persistent and i4c	<a href="https://gnindia.dronacharya.info/event/s/SmartIndiaHackathon2019.aspx?Month=Mar&amp;Year=2019">https://gnindia.dronacharya.info/event/s/SmartIndiaHackathon2019.aspx?Month=Mar&amp;Year=2019</a>
Four Weeks Summer Training Program on Cisco Networking	06/10/2019	Soft Skills	38 students of B.Tech First Year CSE/CSIT/IT attended	Cisco Networking Academy, Dronacharya Group of Institutions	<a href="https://gnindia.dronacharya.info/event/s/FourWeeksSummer15112019.aspx?Month=June&amp;Year=2019">https://gnindia.dronacharya.info/event/s/FourWeeksSummer15112019.aspx?Month=June&amp;Year=2019</a>
Workshop on Computer Network	16-08-2019	ICT/Computing Skills	48 students	Dronacharya Group of Institutions, Greater Noida	<a href="https://gnindia.dronacharya.info/event/s/WorkshoponComputerNetwork04102019.aspx?Month=Aug&amp;Year=2019">https://gnindia.dronacharya.info/event/s/WorkshoponComputerNetwork04102019.aspx?Month=Aug&amp;Year=2019</a>

International Conference on Management : Wining in a VUCA World	10/04/2019	ICT/Computing Skills	Ms. Mahima Narula, Ms. Tanya Yadav and Mr. Siddharth Chaudhary	theme of the conference was "How management professionals can achieve their goals in VUCA (Volatility, Uncertainty, Complexity and Ambiguity) World."	<a href="https://gnindia.dronacharya.info/event/s/InternationalConferenceonManagement.aspx?Month=Oct&amp;Year=2019">https://gnindia.dronacharya.info/event/s/InternationalConferenceonManagement.aspx?Month=Oct&amp;Year=2019</a>
Session on C+ DS+ ALGO	29-06-2021	ICT/Computing Skills	Students	Dronacharya Group of Institutions, Greater Noida	<a href="https://gnindia.dronacharya.info/event/s/ISRO-Recruitment-ds-algo-28072021.aspx?Month=Jun&amp;Year=2021">https://gnindia.dronacharya.info/event/s/ISRO-Recruitment-ds-algo-28072021.aspx?Month=Jun&amp;Year=2021</a>
INTERNATIONAL YOGA DAY	21-06-2021	Life Skills		NSS Wing of Dronacharya Group of Institutions, Greater Noida organized	<a href="https://gnindia.dronacharya.info/event/s/International-Yoga-Day-2021.aspx?Month=Jun&amp;Year=2021">https://gnindia.dronacharya.info/event/s/International-Yoga-Day-2021.aspx?Month=Jun&amp;Year=2021</a>
Session on "C Programming"	14-06-2021	ICT/Computing Skills	ECE, EEE & ECS students	CSI Student Chapter, Dronacharya Group of Institutions, Greater Noida	<a href="https://gnindia.dronacharya.info/event/s/Session-C-programming-05072021.aspx?Month=Jun&amp;Year=2021">https://gnindia.dronacharya.info/event/s/Session-C-programming-05072021.aspx?Month=Jun&amp;Year=2021</a>
Strengthening Your SOFT SKILLS in the Workplace	11/03/2020	Soft Skills	First Year Students (Batch 2020-2021)	Dronacharya Group of Institutions, Greater Noida organized	<a href="https://sway.office.com/ZAfVW7lXtp5aAHSF">https://sway.office.com/ZAfVW7lXtp5aAHSF</a>
One Week Workshop on Hardware Programming Using Arduino	11/01/2021	ICT/Computing Skills	Department of ECE & EE	Dronacharya Group of Institutions, Greater Noida organized	<a href="https://sway.office.com/lB2QjcdAUBkJIaMA">https://sway.office.com/lB2QjcdAUBkJIaMA</a>
Webinar on "Getting Started with Problem Solving"	14-05-2021	ICT/Computing Skills	1st, 2nd and 3rd Year students	Dronacharya Group of Institutions, Greater Noida organized	<a href="https://sway.office.com/uNJ3V2GSzZJexqR">https://sway.office.com/uNJ3V2GSzZJexqR</a>
Awareness Session on "Career and Skill Development"	15-05-2021	Language and Communication Skills	for 1st, 2nd and 3rd year students	Dronacharya Group of Institutions, Greater Noida organized	<a href="https://sway.office.com/uNJ3V2GSzZJexqR">https://sway.office.com/uNJ3V2GSzZJexqR</a>
Online Skill Development Program on "Verilog"	17-05-2021	ICT/Computing Skills	for 3rd Year students of ECE and EEE	Dronacharya Group of Institutions, Greater Noida organized	<a href="https://sway.office.com/uNJ3V2GSzZJexqR">https://sway.office.com/uNJ3V2GSzZJexqR</a>
Online Skill Development Program on "Matlab & Scilab"	17-05-2021	ICT/Computing Skills	for 2nd Year students of ECE, ECS and EEE	Dronacharya Group of Institutions, Greater Noida organized	<a href="https://sway.office.com/uNJ3V2GSzZJexqR">https://sway.office.com/uNJ3V2GSzZJexqR</a>

  
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## Run for Rio - Khelo or Jiyo

Date of the event: 31-07-2016

No. of Participant: 130

Summary of the event: Sports Authority of India, Ministry of Youth Affairs and Sports has organized "**Run for Rio - Khelo or Jiyo**" on **31st July 2016 at Major Dhyan Chand National Stadium, India Gate, New Delhi. Dr. Abhishek Swami, Mr. Manoj Kumar Yadav, Mr. Dinesh Kumar, Mr. Ankush Yadav, Mr. Sunil Kumar, Mr. Anoop Mishra and Mr. Gaurav Singh** along with 130 NSS volunteers from **Dronacharya Group of Institutions, Greater Noida** participated in **Run for Rio event**.

The objective of the run is to not only demonstrate to the athletes that the whole country is proud of them and wishes them all the best in the forthcoming Rio Olympics competitions, but also to connect public at large, especially children and youth, with the Olympic spirit and power of sports.


Program started with the warm up session before the commencement of run. Warm up session lead by a dance group "**Kriti**" for 20,000 school children and NSS volunteers. After warm up session **Prime Minister Narendra Modi** flagged off '**Run for Rio**', The prime minister preceded the flagging off of the run with a short speech encouraging and inspiring the young students participating in the event. He told that "Most of the times, we equate games with either winning or losing. Games are much more than that.

**Prime Minister Narendra Modi** said in a game, players are ready to face the struggles with all their strength, especially to uphold the dignity of the nation. **Shri Modi** said that when the 2020 games take place, let every district affirm that one athlete from our district will represent India at those games.

**Prime Minister Modi** also released a publication of **SAI (Sports Authority of India)** on '**Indian Olympic Journey**', which carry interesting information on **India's Olympic achievements and preparations for the future.**"

**The Sports minister Vijay Goel** also said that an **Olympic exhibition** and a food park are also being planned in collaboration with the **New Delhi Municipal Corporation. Mr. Goel** stated that government would focus on providing facilities and sports infrastructure at the grassroots level, especially, for indigenous and popular sports. Sports Minister said that 119 Indian athletes who have qualified for the Olympics have done so after a lot of trials, they are not just there as individuals but as upholders of the pride of 125 crore Indians.

Run to Rio commenced from **Major Dhyan Chand National Stadium** and finished at **Jawaharlal Nehru National Stadium**. The Run for Rio concluded with prize distribution at **Jawaharlal Nehru National Stadium, New Delhi**.



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Link of the Event: [https://gnindia.dronacharya.info/events/Run\\_Rio\\_2016.aspx?Month=Jul&Year=2016](https://gnindia.dronacharya.info/events/Run_Rio_2016.aspx?Month=Jul&Year=2016)

## QEEE Session on "Input and Output Streams - Interfaces, Packages and Vectors, Files - OOP Stream"


Date of the event: 08-02-16

No. of Participant: 39

Summary of the event: QEEE Session on "**Input and Output Streams - Interfaces, Packages and Vectors, Files - OOP Stream**" was organized by IIT Madras on **2nd, 3rd and 4th August 2016** under **D2S (Direct to Student) Program**. The session was an interactive educational experience through distinct learning modules where live classes through video conferencing were conducted by IIT professors. The session was conducted by **Dr. Rupesh Kumar Nasre**, IIT Madras. 32 students from CSE and 7 students from IT branches attended the session, organized at **Dronacharya Group of Institutions, Greater Noida** and coordinated by **Dr. Aditi Paul** and **Mr. Jitendra Kumar Chauhan**.

The session aimed at enhancing the knowledge of students in **Object Oriented Programming (OOP)** to a higher level.

**Day 1: 2nd August 2016**

  
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**Dr. Rupesh Nasre** started the first day session on **2nd August 2016** on "**Stream Input Output**" and its application in file handling. The idea of defining user defined stream and stream classes from the base class was explained in the session. He also explained the importance of formatting input and output of files in C++. The stream class hierarchy was explained by **Dr. Nasre** in which he showed how the stream classes are inherited in C++ and how they are invoked in a program. He also mentioned the strength of C++ in comparison to other scripting languages through examples. He continued his lecture by defining the properties of cin>> and cout<< objects used in C++. He also illustrated their functionalities by writing program code.

The session ended with queries and doubts clearing sessions.

### Day 2: 3rd August 2016

The second session started on **3rd August, 2016** with the continuation of cin>> and cout<< operators and how they can be overloaded. In this session **Dr. Nasre** showed how the insertion and extraction operators can be cascaded. For this he wrote program code and executed it to show how cascading can simplify program code. He further explained the possible mistakes that should be avoided with stream extraction operators >> and <<. Next he discussed about the get() and put() functions and getline() functions for character input and output with example code. The syntax for these functions was also explained with proper example.


This session ended with queries from various colleges.

### Day 3: 4th August 2016

The third session started on **4th August 2016** with "**Stream Manipulator**". **Dr. Nasre** explained various member functions for stream manipulation with their proper format. In this section he explained how to format the output strings of files using different types of manipulators like seek(), setw(), setfill(), setf() etc. Next, he discussed how to format numbers such as floating point using justification and padding with example codes. **Dr. Nasre** continued his lecture by describing how to handle file. He focused on the operation of file pointers in different mode like read pointer and write pointer and explained how complicated is file handling operation.

The session came to an end with the doubt clearing and queries from different colleges. The students from DGI also raised queries and got their doubt cleared by **Dr. Nasre**.

The three-day QEEE session was very interactive and fruitful for the students. It explored those portions of the topic which is important and useful for a C++ programmer. Students and Local faculty coordinators benefited a lot from the session.



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Link of the event:

[https://gnindia.dronacharya.info/events/Input\\_Output\\_Streams\\_2016.aspx?Month=Aug&Year=2016](https://gnindia.dronacharya.info/events/Input_Output_Streams_2016.aspx?Month=Aug&Year=2016)


## **QEEE Session on "Linear Data Structures and Applications - Data Structures and Algorithms"**

Date of the event: 26-08 -2016

No. of Participant: 90

Summary of the event: **QEEE Session on "Linear Data Structures and Applications - Data Structures and Algorithms"** was organized by IIT Madras on **26th Aug, 1st and 2nd September 2016** under **D2S (Direct to Student) Program** with an objective to clarify the principles and process of **Linear Data Structures** which are primarily designed to solve interesting problems with elegance and efficiency.

Through **Quality Enhancement in Engineering Education (QEEE)**, IITs provide quality technical education at par with the premier institutes. QEEE is piloted in real time through ICT and synchronous technology is used to allow for an integration of superior external scholastic inputs into current pedagogical practices. **QEEE project** is funded by **MHRD, Government of India**.

  
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**Prof. Dr. Supratim Biswas, IIT Bombay** conducted the sessions. He introduced the participants to some of the time tested data structures. **Mr. Manoj Kumar Yadav, Assistant Professor (CSE)**, coordinated the workshop at **Dronacharya Group of Institutions, Greater Noida** as the **Local Coordinator**. The third semester students of CSE and IT attended the workshop.

### Day 1: 26th August, 2016

**Prof. Supratim** started his lecture by giving an overview of Linear and Nonlinear Types of Data Structure and how to efficiently code the program block for the given problem. He emphasized the data structures are generally based on the ability of a computer to fetch and store data at any place in its memory, specified by a pointer - a bit string, representing a memory address, that can be itself stored in memory and manipulated by the program. Thus the linked data structures are based on storing addresses of data items within the structure itself. He concluded his lecture by solving the queries of the participants.

### Day 2: 1st September, 2016


**Dr. Supratim Biswas** initiated the second day session with a brief recapitulation of the first day session and discussed the Linked List Programming and its importance over Array. He further explained Dynamic Memory Allocation. He laid emphasis on the following: During linked list programming, a list always has a reference to the first node, check whether your dynamic allocation of a node did succeed or not. Either return the head pointer, or use double pointer or reference to head pointer. Check whether you are dereferencing a **NULL pointer**. Check whether you are freeing a **NULL pointer**. Check whether you are freeing a node after its required use.

### Day 3: 2nd September, 2016

**Prof. Supratim Biswas** initiated the third day session with a brief recapitulation of the first and second day sessions. He elaborated that Every Data Structure has their own Pros and Cons. He discussed the advantages of Linked List, like it is Dynamic in Nature so that when we do not know the number of elements to be stored then Linked List is a better Choice. He further demonstrated that Linked List Nodes in memory do not store in consecutive locations but still it maintains its linear fashion, so where the order of elements matters, it can be used for Stacks and Queues.

In the end he gave closing remarks on the Precautions to be observed while executing **STACKS** and **QUEUES** and answered the queries of the participants.

The sessions were very informative for the students of Computer Science & Engineering and Information Technology. **Dr. Supratim Biswas** used the traditional pen - paper presentation method along with Slides which totally grasped the attention of all the participants. The study materials and the practice questions provided in the course packs were highly useful.



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Link of the event: [https://gnindia.dronacharya.info/events/Linear\\_Data\\_2016.aspx?Month=Aug&Year=2016](https://gnindia.dronacharya.info/events/Linear_Data_2016.aspx?Month=Aug&Year=2016)


## Student Training Program on Big Data Analytics

Date of the event: 20-01- 2017

No. of Participant: 120

Summary of the event: A Student Training Program on **Big Data Analytics** was conducted by NITTR, Chandigarh on **January 20, 2017** at **Dronacharya Group of Institutions, Greater Noida** through ICT. The basic objective of the course was to understand the benefits and market perspectives of Big Data Technology. The students of fourth semester from the departments of Computer Science & Engineering, Information Technology and Computer Science & Information Technology departments attended the training. **Ms Gargi Amoli** (Assistant Professor, Information Technology) and **Ms. Monika Sinha** (Assistant Professor, MBA) coordinated the workshop.

The session was initiated by **Mr. Aditya Bhardwaj** (PhD Scholar, Dept of CSE, NITTR, Chandigarh) with a presentation on "**Introduction to Big Data Analytics**". He discussed the various sources of Big Data like social media and networks, scientific instruments, mobile devices and sensor technology. He talked about the growth in the popularity of social networking. He stated that the world's data volume grows by 40% every year. He talked about the type of data generated and stored by various sectors. He stated the benefits of Big Data. He discussed the **3Vs of Big Data: Data Velocity, Data Volume and Data Variety**. He then discussed the analytics tools like Microsoft Excel, Hadoop, Rapid Miner and Tableau. He gave an insight to Analytical Big Data Systems and Operation Big Data

  
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Systems and then differentiated between the two categories in terms of latency, concurrency, access patterns, data scope and technology.

**Mr. Bhardwaj** narrated the skills needed by a Data Scientist like Python, Hadoop Platform and predictive analytics tools. There was a discussion on the role of Data Science in Big Data Analytics. He gave an overview of the working of online advertising. The challenges associated with Big Data were discussed. The major challenges include capturing data, storage, searching, sharing, transfer, analysis and presentation. An essential skill for Big Data Analytics is the curiosity to dig deeper in to data and solving a problem by its root cause. Big Data value chain and the predicted lack of talent for its related technologies were discussed.


**Ms. Geetika Goyal** (M.Tech. Student, Dept of CSE, NITTTR, Chandigarh) gave a presentation on “Introduction to Hadoop”. She discussed the origin and milestones of the hadoop platform. She defined Hadoop as an open source software framework that supports data in distributed applications, licensed under the Apache v2 license. The framework is designed to scale up from single servers to thousands of machines, each offering local computation and storage. She stated the features of Hadoop such as fault tolerance, high scalability and availability. She described the core layers of Hadoop architecture which include processing/communication layer and storage layer. She talked about the Hadoop Ecosystem which includes data management, data access, data processing and data storage.

**Ms. Goyal** stated the three main application of Hadoop: advertisement, search and security. She gave an insight of the design requirements of Hadoop in Facebook messages. She then explained the process of validating data. There was a discussion on Hadoop MapReduce and its components which includes JobClient, Job Tracker and Task Tracker. She defined MapReduce as a parallel programming model for writing distributed applications devised at Google for efficient processing of large amounts of data on large clusters. There was a discussion on Hadoop Distributed File System which is based on the Google File System (GFS) and provides a distributed file system that is designed to run on commodity hardware.

In the afternoon there was a hands-on session on **Big Data Analytics Tools** by **Mr. Nitesh Kumar** (M.Tech. Student, Dept of CSE, NITTTR, Chandigarh). He stated that prior exposure to Core Java, database concepts, and any of the Linux operating system flavours are required to work on the tools. He stated the pre-installation setup of Hadoop framework. He demonstrated the installation of Java Development Toolkit which is a prerequisite for Hadoop Platform. He showed how to verify the existence of java in the system using the command “java -version”. The steps to create a user were demonstrated. Mr Nitesh recommended to create a separate user for Hadoop to isolate Hadoop file system from Unix file system. He then showed the process of setting up the environment variables. He demonstrated the verification of Hadoop installation and access of Hadoop on browser. With the help of commands he demonstrated how Hadoop runs code across a cluster of computers. He discussed the core tasks that Hadoop performs.

**Mr. Nitesh** stated the advantages of Hadoop framework. Students from the participating institutes asked queries about Hadoop Framework, Hadoop Distributed File System and role of Big Data in Internet-Of-Things. Mr Nitesh concluded the session with the discussion on the applications and major applications of Big Data.

All the presentations of the training program had been very informative and interest-arousing. The participatory nature of the sessions really heightened the learning experience. The workshop was well-crafted and the course material was fully structured and complete. The students who are aspiring to become Software Professionals, Analytics Professionals, and ETL developers have benefitted from the training program.



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Link of the event: [https://gnindia.dronacharya.info/events/BigDataAnalytics\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/BigDataAnalytics_2017.aspx?Month=Jan&Year=2017)

## Session on Technology Trends and Future Research

Date of the event: 08-10-16


No. of Participant: 3

Summary of the event: **Confederation of Indian Industries (CII)** organized **1st Dr. APJ Abdul Kalam Memorial Lecture and Session on Technology Trends and Future Research Directions for India** on **10 August 2016** at **Taj Mahal Hotel, New Delhi**. **Prof. TPN Singh**, Advisor (R&D) alongwith three students namely **Adarsh Nair, Arshnoor Tandon of ME** and **Sachin Verma of ECE, Dronacharya Group of Institutions, Greater Noida** attended the event.

**Ms. Shobana Kamineni, President CII and executive chairman, Apollo Enterprises (P) Ltd.** rendered the welcome address. The entire country and world at large has been overwhelmed by the huge and significant contribution of **Dr. APJ Abdul Kalam**. He was universally known as the **Rocket Scientist of India**. Humility and empathy was the embodiment of his persona. His quotes were remembered like:

1. Look at the sky. We are not alone. The whole universe is friendly to us.
2. All birds find shelter during rain. But eagles avoid rain by flying above the clouds.
3. If you want to shine like a sun, first burn like a sun.

**Dr. Kalam's** knowledge of music and classical dance was amazing. He gave maximum attention for laying foundation of Research and Science for business prosperity and graciously accepted the chairmanship of CII to develop Science and Technology. Technology for Agriculture and Rural Sciences were given paramount

  
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importance. He promoted large number of joint ventures in R&D areas with global players. CII established the first Nano Technology cell as centre of excellence with Gujarat during his tenure.

**Dr. APJM Nazima Marakayar**, grandniece of **Dr. Kalam** and Managing Trustee of Kalam International Foundation addressed the audience. She thanked the Almighty for togetherness shared with **Dr. Kalam**. Technologies in various dimensions were worked upon by him and Strategic scientific measures in Medicine, bio-technology, material sciences etc. promoted vigorously. She thanked CII for paying tributes to **Dr. Kalam**.

Panel discussion took place on Technology Trends and Future Research Directions for India. The panelists were:

1. **Prof. Pankaj Chandra, Chairman, Board of Management, Ahmedabad University**
2. **Dr. T Ramasami, Former Secretary, DST, Gol**
3. **Ms. Shobana Kamineni, President Designate CII and Executive Vice Chairperson, Apollo Hospitals Enterprise Ltd.**
4. **Dr. S Guruprasad, Outstanding Scientist & CC R&D (PC & SI), (DRDO)**
5. **Mr. Kiran Karnik, Former president, NASSCOM**
6. **Mr. Salil Singhal, Chairman & Managing Director, PI Industries Ltd.**

**Dr. Chidambaram** stated that innovation led growth is no longer the prerogative of high income countries. Sustainable development requires Collaborative innovation.


**Mr. Karnik** emphasized on health care and technology. H said that expenditure on R&D is very dismal in our country. It is not even 1% of the budget where as in other countries it is 4 to 5%. He stated that innovation flourishes in diversity and for India it is a big dividend.

**Dr. Guru Prasad** paid homage to **Dr. Kalam** and said that he created leaders out of ordinary people at DRDO. He quoted **Dr. Richard Feynman, Nobel Prize winner in physics, "There is plenty of room in the bottom referring to atoms and molecules"**.

**Mr. Pankaj Chandra** said that a "Knowledge Economy" is what India should be. It needs both a technology superstructure and foundation of high education and basic research. India needs an excellent Research, Development and Innovation eco-system. A strong academia - industry interaction and a deep commitment to rural technology delivery is the requirement. India should be ready to be the producer of new advanced technologies.

The panel discussion ended at 03:00 pm. Vote of Thanks was rendered by **Ms. Shobana Kamineni**.



  
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Link of the event: [https://gnindia.dronacharya.info/events/APJ\\_Abdul\\_2016.aspx?Month=Aug&Year=2016](https://gnindia.dronacharya.info/events/APJ_Abdul_2016.aspx?Month=Aug&Year=2016)

## Workshop on Research Methodologies and Modelling Techniques

Date of the event: 16-09-2016

No. of Participant: 54

Summary of the event: Department of Information Technology, **Dronacharya Group of Institutions, Greater Noida**, organized a one day workshop on "**Research Methodologies and Modelling Techniques**" on **September 16th, 2016** which was conducted by **Mr. Prashant Kumar, Scientist CSIR-CSIO Chandigarh**. 54 Students participated in the workshop which was coordinated by Assistant Professor, **Ms. Preeti Chawla**.

The objective was to help the students understand the benefits of Research Methodologies and develop critical thinking.

The session started with the welcome address by **Prof.(Dr.) S. K. Bagga, Director Dronacharya Group of Institutions, Greater Noida**.

**Mr. Prashant Kumar** started the session with an introduction, importance and applications of Research. He said that the innovation is necessary for maximizing effectiveness. Incorporating many years of continuous research and development, the latest Drastic Model offers Vulnerability- Based Map and visualization tools, fast linear and nonlinear analytical power. **Mr. Prashant** also said that the machine learning has sophisticated and comprehensive capabilities that allow users to quickly and easily decipher and understand analysis and results. It also integrates every aspect of the multi-criteria decision modelling technique.

During the session students were trained to work on **PYRAMID STRUCTURE OF RESEARCH**. Following topics were covered during the session:

### Redefining Research

### Research systematic & objective identification

### Problem identification Research

The last session of the workshop was a practice session where research models were developed using PYRAMID STRUCTURE.

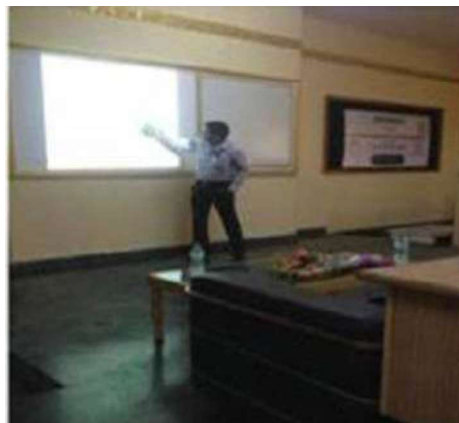


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The workshop ended with the Valedictory Session where the participation certificates were issued to all the candidates. Ms. Preeti Chawla delivered Vote of Thanks.

The one day workshop had useful insights for students in research. Various aspects of the design & analysis of research structures by using **pyramid** were studied in - depth. The knowledge imparted during the workshop will help students in developing projects and research papers in future.



Link of the event:

[https://gnindia.dronacharya.info/events/Research\\_Methodologies\\_2016.aspx?Month=Sep&Year=2016](https://gnindia.dronacharya.info/events/Research_Methodologies_2016.aspx?Month=Sep&Year=2016)


## Hands on Workshop on Inside JAVA

Date of the event: 17-11 -2016

No. of Participant: 80

Summary of the event: A hands on workshop on Inside JAVA was organized by the **Department of Computer Science and Engineering, Dronacharya Group of Institutions, Greater Noida** under the aegis of **CSI Student Chapter** on **17th and 19th November, 2016**. Key Speaker of the workshop was **Ms. Sunita Tiwari, Research Scholar** at **IIT Delhi**.

The objective of the workshop was to introduce final and pre-final year students to an industry acknowledged platform independent, object oriented programming language JAVA. The idea was to make them proficient in frequently asked interview questions and make them comfortable in developing java applications.

  
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## Day 1: 17th November 2016

**Ms. Sunita Tiwari** started the session with the Introduction to Java and Language Primitives, Objects, Classes and Polymorphism. Her focus was to make the students understand the basic concepts. She explained about objects which are an instance of a particular class or subclass with the class's own methods or procedures and data variables. Important concept about class was discussed, which is a template for creating different objects which defines its properties and behaviors.

Important concepts of Core Java like Inheritance, Abstract Classes, Interfaces and Packages were also discussed. **Ms. Tiwari** explained Inheritance in Java and abstract classes are classes. She gave a brief about package which is a namespace that organizes a set of related classes and interfaces.

## Day 2: 19th November 2016

**Ms. Sunita Tiwari** started the second day with the explanation of the concepts of Multithreading, Constructors and Exception Handling. She explained the concept of constructor in Java and exception Handling. Usage of try, catch, finally and throw were discussed.

The next session was dedicated to GUI Programming and Event Handling (AWT & Swing). **Ms. Tiwari** elaborated **Abstract Window Toolkit (AWT)** and Swing. Practical sessions were held on all the concepts in which students execute the programs.

The workshop ended with memento presentation to **Ms. Sunita Tiwari** by **Prof. (Dr.) S K Bagga, Director**. A Vote of Thanks was proposed by **Ms. Sheetal Saigal**, coordinator of the workshop.




Link of the event: [https://gnindia.dronacharya.info/events/Inside\\_JAVA\\_2016.aspx?Month=Nov&Year=2016](https://gnindia.dronacharya.info/events/Inside_JAVA_2016.aspx?Month=Nov&Year=2016)

## International Yoga Day

Date of the event: 21-06- 2017

No. of Participant: 65

Summary of the event: In an endeavor to participate actively in the **International Yoga Day, NSS Wing of Dronacharya Group of Institutions, Greater Noida** organized a **Yoga Session** in association with **Patanjali Yogpeeth** and **The Art of Living** on **21st June 2017** for the students, teachers and staff members. Main objective of this program to develop the habit of **Yoga & Meditation** among youngsters so that they can enjoy more peace of mind and self-awareness, which is essential for a stress-free existence.

  
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Session started with the floral welcome of **Mr. Madhukar Sharma**, Yoga Expert-Patanjali Yogpeeth and **Mr. Aarnav Sharma**, Yoga Expert-The Art of Living by **Prof. S.K. Bagga**, Director, Dronacharya Group of Institutions, Greater Noida.

On this Occasion **Prof. S.K. Bagga** said that Yoga is not only a physical exercise where you twist, turn, stretch, and breathe in the most complex ways but these are actually only the most superficial aspect of this profound science of unfolding the infinite potentials of the human mind and soul. **Prof. Bagga** also said that yoga leads to the healthy development of mind, body and soul by mastering certain **Yoga Postures** and **Asanas** with breathing techniques.

**Mr. Madhukar Sharma** demonstrated **Asanas** such as **Urdtadasan, Vrukshasan, Trikonassan, Urdchakrasan, Vajrasan, Shashkassan, Urdhmachundrasan, Padahastasan, Urdhhastasan, Shetubhadasan, Pawan puktasan, Shawasan**. He also explained the manner in which they are to be performed, the precautions to be taken and the likely effect they have on the body and mind.


After **Asanas** session **Mr. Aarnav Sharma**, taught the Pranayama for longevity. **Mr. Sharma** also demonstrated various types of meditation to improve **Concentration and Memory**. This was followed by **Pranayama** such as **Bhastrika, Kapalbhati, Anulom-vilom** and **Brahmari**.

All the **Asanas** and **Pranayamas** were enthusiastically done by the students, teachers and staff members.

The event successfully completed with memento presentation to the **Yoga Experts**. The program ended with a pledge that each and every participant will start practicing Yoga from now onwards and motivate others as well.

The program was coordinated by **Mr. Dravid Nagi** and **Mr. Madhvesh Upadhyay**, students of CSE first year.



  
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Link of the event: [https://gnindia.dronacharya.info/events/International\\_Yoga\\_2017.aspx?Month=Jun&Year=2017](https://gnindia.dronacharya.info/events/International_Yoga_2017.aspx?Month=Jun&Year=2017)

## Awareness cum Education Programme on Positivity and Balanced Life for Digital Youth

Date of the event: 25-08- 2017

No. of Participant: 165

Summary of the event: An **Awareness cum Education Programme On Positivity and Balanced Life for Digital Youth** was organized by the Department of Applied Sciences & Humanities on **25th August 2017**. The program was attended by First Year students of B.Tech & MBA.

The session started with the Welcome Address by **Prof.(Dr.) Ashish Soti, Director – Dronacharya Group of Institutions, Greater Noida**.


**Dr. Mamta Tomar**, Associate Professor, Dept. of Applied Science & Humanities introduced the Guest Speaker, **Mr. Puneet Gupta, Training Consultant - Dale Carnegie, India**.

**Mr. Puneet Gupta** started his presentation with a discussion of **Self, Desire, Dream, Passion and Motivation**. Participants were encouraged to be optimistic and to have a positive approach towards life. He made the participants draw their goals on a piece of paper and then explained them the methodology to achieve them.

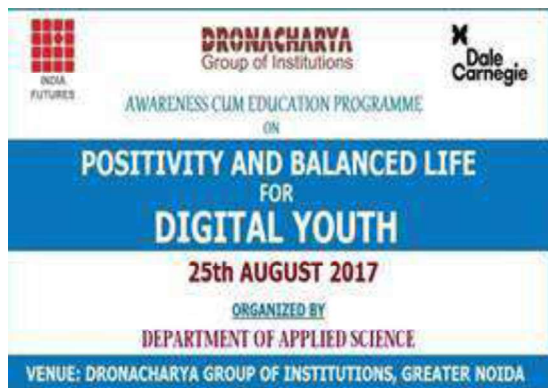
**Mr. Gupta** also focused on Time Management for a balanced professional and personal life.

Hon'ble Director, **Prof. Ashish Soti** honored **Mr. Gupta** with a memento. **Dr. S. K. Srivastava**, Professor, Dept. of Applied Science & Humanities, **DGI, Greater Noida**, proposed the **Vote of Thanks**.



  
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Link of the event:

<https://gnindia.dronacharya.info/events/AwarenessEducationProgramme.aspx?Month=Aug&Year=2017>

## Workshop On Microsoft Azure & Node.js

Date of the event: 19-08- 2017

No. of Participant: 5

Summary of the event: A one day workshop on **Microsoft Azure & Node .js** was organized at “**Microsoft Corporation**”, **Gurgaon** on **August 19, 2017**. The objective of this event was to help participants learn and to develop chat applications using Node.js and harnessing the power of Azure with DocumentDB, Cognitive Services, and Serverless Framework.

Five students from Computer Science Engineering Department, **Dronacharya Group of institutions, Greater Noida** attended the workshop.


**Mr. Sourabh Somani (Microsoft MVP)** welcomed the guests address and introduced **Mr. Nitin Pandit** and **Mr. Naveen Sharma, Microsoft Certified Most Valued Professional (Microsoft MVP)**.

**Mr. Pandit** briefed the participants about Microsoft Azure and also explained its advantages over other cloud computing platforms such as **Amazon AWS (Amazon Web Services)**.

**Mr. Sharma** conducted a session on “**How to become a successful Team Leader**”. He later conducted a training session on “**How to create an Effective and Interactive Presentation**”.

**Mr. Somani** explained Node.js and Chat Application using Node.js.

The meet was very informative and participants acquired not only Technical Skills but good Leadership Skills as well. The event concluded with the distribution of Participation Certificate to the Students.



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Link of the event: [https://gnindia.dronacharya.info/events/MicrosoftAzure\\_2017.aspx?Month=Aug&Year=2017](https://gnindia.dronacharya.info/events/MicrosoftAzure_2017.aspx?Month=Aug&Year=2017)

## QEEE session on “Introduction to DBMS - Database Management Systems”


Date of the event: 25-09- 2017

No. of Participant: 35

Summary of the event: QEEE session on “Introduction to DBMS - Database Management Systems” was organized by IIT Madras under Direct to Student (D2S) Program at Dronacharya Group of Institutions, Greater Noida through ICT during 25th - 27th September 2017. The course was conducted by Prof. (Dr.) Pabitra Mitra, Faculty IIT Kharagpur. Dr. Somnath Sinha was the Local Faculty Coordinator for the Course. 35 students from B-Tech (CSE/IT) 5th semester enrolled for the course.

### Day 1: 25th September

The session started with the concept of basic DBMS structure. Prof. Pabitra Mitra described the tier architecture of DBMS, Data Models and Data Handling issues. He described E-R data model and its importance with example. Different key concepts in database were also discussed. Prof. Mitra explained the Relational Algebra, Structure Query Language (SQL) and Join Operation in SQL.

  
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## Day 2: 26th September

**Prof. Pabitra Mitra** started the session with a brief recapitulation of the previous class. He then discussed Functional Dependencies, Normalization and Data Base Design process with the removal of multi valued dependency. He described lossless and lossy decomposition process. Later he illustrated storage and file structure where he covered classification of physical storage media and storage hierarchy. He also explained the disk accessibility process and file organization. The second day session ended with the concept of Indexing and Hashing.

## Day 2: 27th September

Final day's session started with the continuation of query processing concept. **Prof. Pabitra Mitra** explained Transaction Processing, Recovery Technique and Big Data. He briefly explained ACID properties of transaction and different scheduling technique. The session also covered concurrency control and lock based protocol.

The three-day session was very effective for the students as it was syllabus oriented. Overall the session was very obliging as it imparted a conceptual knowledge in DBMS to the participants.




Link of the event: [https://gnindia.dronacharya.info/events/DBMS\\_2017.aspx?Month=Sep&Year=2017](https://gnindia.dronacharya.info/events/DBMS_2017.aspx?Month=Sep&Year=2017)

## Awareness Programme on Support for Entrepreneurial and Managerial Development of SMEs Through Incubators

Date of the event: 31-01- 2017

No. of Participant: 36

  
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Summary of the event: **Ministry of MSME, Govt. of India** through **MSME - DI** organized an **Awareness Programme on Support for Entrepreneurial and Managerial Development of SMEs Through Incubators** on **31st January 2017** at **Dronacharya Group of Institutions, Greater Noida**. 36 students of **B. Tech IIIrd Year** participated in the workshop.

The following dignitaries presented the program:

1. **Mr. Sujit Banerjee** Director, Department of Science & Technology, Govt. of India
2. **Mr. A. K. Ojha** Asst. Director, MSME DI
3. **Mr. Sunil Arora** Investigator (Mechanical), MSME DI
4. **Mr. Shivam Dixit** Co-founder & Director, Atrim Electronics Pvt. Ltd.

**Prof. TPN Singh (Advisor R&D, DGI)** welcomed the dignitaries and thanked them for their visit to expose the students towards innovation and creativity. **Dr. S. K. Bagga (Director - DGI)** rendered a brief on MSME and exhorted the students to become entrepreneur of sorts.


**Mr. Sujit Banerjee** explained the role of DST and MSME. He stressed on innovation and the process of incubation leading to entrepreneurship. Example of **Mr. Shivam Dixit**, entrepreneur was given. He described innovation as research development production adoption discovery patenting marketing.

**Mr. A. K. Ojha** described efforts of MSME towards entrepreneurship development. He explained the concept of Micro, Small and Medium Enterprise. He said that the objective of business incubator (BI) is to remove obstacles and provide freedom for nurturing creative ideas of young minds. He dwelt upon hand holding ideas proposed strategies.

**Mr. Shubam Dixit** described his journey from student days to being an entrepreneur. He started developing websites for companies from second year engineering onwards. His major breakthrough came on receiving contract from Mother Dairy for installation of GPS trackers on vehicles. He gainfully took assistance from MSME for funding his company. His company operates in **USA, China and South America**. He stated that knowledge is not power till it is applied. One should start with small problems and become big subsequently.

The meeting came to an end with distribution of certificates and Vote of Thanks rendered by **Prof. TPN Singh**.



  
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Link of the event: <https://gnindia.dronacharya.info/events/events-Jan-2017.aspx?Month=Jan&Year=2017>

## A one day workshop on "Android Application Development"

Date of the event: 22-09- 2017

No. of Participant: 39


Summary of the event: A one day workshop on "Android Application Development" was organized by **DGI-CSI Student Chapter** at **Dronacharya Group of Institutions, Greater Noida** on **22nd September, 2017**. **Mr. Yash Yogi**, Technical Manager from **AndroiT Software Pvt. Ltd.** assisted by four other members of his team, **Mr. Yatin Yadav** (IOS Lead & Sr. Android Developer), **Mr. Lakshay Juneja** (Sr. Android Developer), **Mr. Sushant Jugran** (IOS Developer & Alumni of DGI) and **Ms. Priyanka Bindal** conducted the workshop. **39 students** from B-Tech 2nd Year CSE attended the session.

Starting the session **Ms. Priyanka Bindal** explained the latest developments in Android.

**Mr. Yash** conducted the training session on **JAVA Programming** as well as on **Application of JAVA in Android**.

**Mr. Yatin Yadav** and **Mr. Lakshay Juneja** conducted the session on "How to design the layout in android using **XML and JAVA**". The students designed app in their mobile during the session.

The workshop ended with the Vote of Thanks proposed by **Dr. Somnath Sinha**, Assistant Professor, Department of Computer Science & Engineering, **DGI, Greater Noida**.

  
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Link of the event:

[https://gnindia.dronacharya.info/events/AndroidApplication1\\_2017.aspx?Month=Sep&Year=2017](https://gnindia.dronacharya.info/events/AndroidApplication1_2017.aspx?Month=Sep&Year=2017)

## Awareness session on Spoken Tutorial

Date of the event: 17-02- 2017

No. of Participant: 134

Summary of the event: An awareness session on **Spoken Tutorial** was organized by **Dronacharya Group of Institutions, Greater Noida** in collaboration with **IIT Bombay** on **17th February 2017**. The objective of the session was to spread awareness about spoken tutorial activities and to train students as well as faculty members. Fourteen Faculties from various colleges and 134 students of First Year from **Dronacharya Group of Institutions, Greater Noida** attended the session.


The workshop was conducted by **Ms. Varsha Dand, Training Coordinator, Spoken Tutorial, IIT Bombay**.

The program started with lighting of lamp and floral welcome of the guest by **Prof. (Dr.) S. K. Bagga, Director DGI, Greater Noida**.

Speaking on the occasion, **Ms. Varsha Dand** said that the Spoken Tutorial project is the initiative of the **National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India**. The Spoken Tutorial project is being developed by **IIT Bombay**. She stressed that learning is more effective when animation and narration are presented simultaneously. Audio - video demonstrations can illustrate features with maximum clarity. The session was conducted to pass on the knowledge of technology and free open source software (**FOSS**) to the students and faculty members who lack opportunities or access to learn any software.

**Ms. Varsha Dand** said that about 4 lakh participants have been trained through Spoken Tutorial and over 220 colleges have been registered. She stated that Department of Electronics and Information Technology (DEITY, GoI) had said that, Government shall endeavor to adopt Open Source Software in all e-Governance systems implemented by various Government organizations, as a preferred option in comparison to Closed Source Software.

During the lab session students and faculty were given hands on practice on software like **Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice**. The participants got themselves registered on Spoken Tutorial website. **Ms. Varsha Dand** explains the procedure to fill the registration form. She explained them about filling of Tracking and Monitoring Sheet. Participants got first-hand information about applications of the software in real life. Hands - on - training instilled confidence in them about of Spoken Tutorial.




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The program came to an end with vote of thanks by **Ms. Sheetal Saigal**, Assistant Professor, Department of Computer Science and Engineering, **DGI Greater Noida**. Shethanked all the participants from different colleges, faculty coordinators and management for making event successful.



  
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Link of the event: <https://gnindia.dronacharya.info/events/SpokenTutorial.aspx?Month=Feb&Year=2017>

## Workshop on Rapid Prototyping and 3D Printing

Date of the event: 27 -01- 2017

No. of Participant: 21


Summary of the event: A **Workshop on Rapid Prototyping and 3D Printing** was conducted by **DGI SAEINDIA Collegiate Club Dronacharya Group of Institutions, Greater Noida** on **27th & 28th January 2017**. 21 students from Mechanical and Electrical & Electronics Engineering branch participated in the workshop. The workshop was conducted by **Mr. Gaurav Siwal** (Assistant Professor) Department of Mechanical Engineering, **DGI**.

**Prof. S. K. Bagga, Director, DGI** inaugurated the workshop and addressed the participants with inspiring and motivational words while **Prof. B. L. Kaul, Registrar, DGI** encouraged them to be attentive and get benefited from the workshop.

### Day 1: 27/01/2017

**Mr. Gaurav Siwal**, gave a brief description of **FDM Technology, Types of 3D Printing**, their application and scope in industries, materials used in 3D printers and Printing CAD file on FDM printers. Students were also informed about the Rapid Prototyping using 3D printing. During lab session participants were demonstrated the design software's available for 3D modeling, like **Catia and Solid Works, 2D and 3D Sketches**, application of different features to the parts and part assembly. Students were explained about important design considerations to be kept in mind while designing a model for 3D printing.

During the post lunch session students designed their models on CATIA software. After the completion of models they were given a demonstration on **Cura (Slicing Software)** and **Pronterface (Printing Software)** required for 3D printing. A small prototype was printed as a part of demonstration.



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Day 2: 28/01/2017

Mr. Gaurav Siwal continued the workshop with discussion on important considerations for 3D printing of the objects. Calibration procedure for printing of the objects and working of stepper motor was also explained. For hands on training students were given a real world problem in which they were asked to design and 3D print a prototype of a Planetary Gear System. Participants were divided in five teams of four members each for the completion of the task. All the teams designed the 3D models keeping in mind the functional aspect of the product. Students designed and 3D printed the Prototypes.

The workshop concluded with evaluation of prototypes printed by each team. Each design was evaluated for dimensional accuracy, density and surface finish. Students took keen interest in learning the fundamentals of the 3D printing technology during the workshop.



Link of the event: [https://gnindia.dronacharya.info/events/RapidPrototyping\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/RapidPrototyping_2017.aspx?Month=Jan&Year=2017)

  
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## Slogan Writing Competition On Ethical Voting

Date of the event: 13-01- 2017

No. of Participant: 45

Summary of the event: NSS Wing of **Dronacharya Group of institutions, Greater Noida** organized a **Slogan Writing Competition on Ethical Voting** on **13th January 2017** in observance of the **Matdaata Youth Festival**. The aim of the event was to create an awareness and motivate young voters to cast their vote in upcoming elections ethically.

The program started with the inauguration by **Prof. S.K. Bagga, Director, Dronacharya Group of Institutions, Greater Noida**. **Prof. Bagga** welcomed all the participants and said that in order to encourage young voters taking part in the political process society must act. **Prof. Bagga** also added that ethical voting means voting without involving in cast, religion, gender, races and any other monetary and political influences. We should vote only on the basis of development.

He said that the theme of **National Voter Day (NVD) 2017** is '**Inclusive and Qualitative Participation**' reiterating the commitment towards reaching out to the last voter and promoting informed and ethical voting.

Student coordinators, **Madhwesh Upadhyay and Divya Chaturvedi** led the **Pledge** taking ceremony on this occasion. The students, participants and faculty members took pledge for casting their votes ethically.

12 students from different colleges qualified for the final round of the Slogan Writing Competition. They presented their slogan and put forward the justification of their slogans written on the theme of Ethical Voting.

**Mohit Garg** was of the opinion that we must cast our vote ethically and choose a government with a vision.

**Divya Chaturvedi** stressed that every single voter must exercise his vote and contribute in the election process.

**Nisha** stated that our country must be our only religion and to vote is our duty which we must all exercise.

The competition ended with the certificate distribution to the participants. The Vote of thanks was rendered by **Dr. Sunil Kumar Mishra**, Faculty Coordinator.

### Winner Slogan Writing (English):

**1st Position: SHOURYA MEHROTRA (GALGOTIA UNIVERSITY)**


**2nd Position: AKANKSHA POKHRIYAL (DGIGN-15-CSE-10002)**

**3rd Position: PRACHI SHARMA (DGIGN-14-CSE-9063)**

**DRAVID NAGI (DGIGN-16-CSE-11023)**

**Winner**

### Slogan Writing (Hindi):



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**1st Position: TARUN TRIPATHI (DGIGN-16-CE-11395)**

**2nd Position: APEKSHA CHAUHAN (GALGOTIA UNIVERSITY)**

**3rd Position: MADHWESH UPADHYAY (DGIGN-16-CSE-11045)**


**DIVYA CHATURVEDI (DGIGN-16-CE-11373)**

**Consolation Prize: NISHA (DGIGN-16-CSE-11053)**

**MOHIT GARG (DGIGN-16-CSE-11021)**



Link of the event: [https://gnindia.dronacharya.info/events/SloganWriting\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/SloganWriting_2017.aspx?Month=Jan&Year=2017)

  
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## Neighbourhood Youth Parliament on Ethical Voting for Sustainable Development and Young Voters

Date of the event: 24-1-2017

No. of Participant: 35

Summary of the event: **NSS WING of Dronacharya Group of Institutions, Greater Noida** participated in **Neighbourhood Youth Parliament on Ethical Voting for Sustainable Development and Young Voters** on **24th January 2017**, at **Balak Inter College, Gautam Buddha Nagar**. The program was organized by **District Administration, Greater Noida** in association with **Nehru Yuva Kendra (NYK), Ministry of Youth Affairs & Sports, Govt. of India, New Delhi** and **Election Commission of India**.

NSS Faculty Coordinator **Dr. Abhishek Swami** and **Dr. Sunil Mishra** along with students attended the program.

The objective of this event was to create awareness for Voting among young first time voters.


While inaugurating the program **Mr. Rajeev Kumar, Principal - Balak Inter College**, talked about ethical voting in establishing proper democracy in the Nation. His speech was followed by a series of programs including one - act plays and poem recitation by the students.

**Chief - Guest Mr. N. P. Singh (IAS), DM (Gautam Buddha Nagar)** appealed for responsible voting. He said that it is the key to a developed Nation. He motivated youth to come forward and encourage every citizen of India for exercising their right to vote. He appreciated the initiatives of **NYKS, G.B. Nagar** for conducting various programs to educate young voters. **Mr. Singh** also gave a detail of **Systematic Voter's Education and Electoral Participation Program (SVEEP)**.

**Mr. U.P. Singh, Deputy Director, Nehru Yuva Kendra, Gautam Buddha Nagar** emphasized that each citizen above the age of 18 years must vote as this is not only our fundamental right but a responsibility too. He appealed that in the upcoming elections every citizen should help **Divyang** in their voting. He advised the young voters to come forward and vote, which would take the society in right direction.

**Mr. U.P. Singh** proposed following slogan for this event:

हमे देश पर गवे है  
मतदान एक पर्व है

  
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Link of the Event: [https://gnindia.dronacharya.info/events/EthicalVoting\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/EthicalVoting_2017.aspx?Month=Jan&Year=2017)

## Health Awareness Session on Diabetes

Date of the event: 18-11-2016

No. of Participant: 55

Summary of the event: **DGI NSS WING, Dronacharya Group of Institutions, Greater Noida** organized a **Health Awareness Session on Diabetes** in association with **Confederation of Indian Industries (CII)** and **Dr. Reddy's Foundation for Health Education (DRFHE)** on **18th November 2016**. Students and staff from **DGI, Greater Noida** attended the session.

The program started with a bouquet presentation to **Dr. Sanjay Sharma, Diabetologist** by **Prof. S.K. Bagga, Director, Dronacharya Group of Institutions, Greater Noida**. **Dr. Sanjay Sharma** began his session with recent National and International surveys on diabetes. He informed the audience that about 64.5 million people in India have diabetes.

**Dr. Sharma** suggested that exercise and Weight - loss plan for people can help in preventing Type 2 diabetes. Engaging in at least 30 minutes of Physical Activity, daily can help tremendously. He opined that people with no regards to Physical Fitness and Exercise along with heavy smokers are at a higher risk of developing Type 2 diabetes. The more a person smokes, the higher is their risk.

  
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**Dr. Sharma** made a detailed presentation to educate the audience regarding diabetes, its symptoms and prevention.

The session came to an end with an interactive Q & A round. As a token of gratitude, he was presented with a memento by **Prof. Bagga**, for his valuable contribution in conducting the awareness session.

**Apritam Kumar**, Student Volunteer **DGI NSS Wing** presented the Vote of Thanks.




Link of the Event: [https://gnindia.dronacharya.info/events/CII\\_2016.aspx?Month=Nov&Year=2016](https://gnindia.dronacharya.info/events/CII_2016.aspx?Month=Nov&Year=2016)

## Introductory course on 3D Animation Using Blender

Date of the event: 26-01- 2017

No. of Participant: 10

  
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Summary of the event: An Introductory course on **3D Animation Using Blender** was conducted by IIT **Bombay** through its e-learning portal, IITBx during **26th January - 22nd June 2017**, as an online learning initiative.

This was a Skill Development courses which covered basics of **3D Modeling, Texturing, Lighting and Animation** using the free and open source tool: **Blender**.

This course was conducted by **Dr. Sameer Sahasrabudhe**, Senior Project Research Scientist, Computer Science and Engineering, IIT Bombay. **Ms. Sneha Sanglikar**, Fine Arts Graduate from **Sir J. J. School of Arts**, **Mr. Nitin Ayer**, Lead UI developer for the IITBombayX platform and **Ms. Kaumudi Sahasrabudhe**, **Project Manager Animation and Design Team**, Deptt. of CSE, IIT Bombay.

Students of **Dronacharya Group of Institutions, Greater Noida** completed the course under the mentorship of **Ms. Kiran Singh** and **Ms. Monu Singh**, Assistant Professors from Department of Computer Science and Engineering.

An interactive session for this course was organized on **13th April 2017** by **Dr. Sameer Sahasrabudhe**. Students participated in this session and got their doubt sorted out which they were facing while attempted in the Assignments and Quizzes.


This course was offered in a **Self - pace Mode**. This course covered the basic workflow of the software. Students learned the **Animation Principles: Squash and Stretch**. Since this was a **Skill Development Course**, there was a substantial emphasis on the hands-on activities, assignments and projects.

Once registered, students went through the content (Week 1 to Week 8), at their own convenience and speed. The assessment of this course was based on 3 quizzes. The course contained a total of 9 Chapters.

1. **Chapter 0: Preparatory Chapter**
2. **Chapter 1: Interface**
3. **Chapter 2: Transformation**
4. **Chapter 3: Animation**
5. **Chapter 4: Basic Modeling**
6. **Chapter 5: Material Texture**
7. **Chapter 6: Principles of Animation**
8. **Chapter 7: Lights Modifiers**
9. **Chapter 8: Overview of Mini Project**

All the successful candidates were awarded with the course certificate.

The course ended on **June 22nd 2017**.



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Link of the Event: [https://gnindia.dronacharya.info/events/IIT\\_BombayX\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/IIT_BombayX_2017.aspx?Month=Jan&Year=2017)

## Workshop on C Language

Date of the event: 27th October 2016

No. of Participant: 56


Summary of the event: **Student Chapter of Computer Society of India (CSI) Dronacharya Group of Institutions, Greater Noida** in association with **Aprtron Solutions Pvt. Ltd.** organized a "**Workshop on C Language**" on **27th October 2016**. **Mr. Kuldeep Kumar (Technical Consultant)** from **Aprtron Solutions Pvt. Ltd., Noida** was Keynote Speaker for the workshop. 56 students from Computer Science & Engineering, Information Technology, Computer Science & Information Technology Second Year, Mechanical and Civil Engineering of First Year attended the workshop. The objective of the workshop was to enhance the knowledge of C Language of First Year students.

The event began with the floral welcome of **Mr. Sandeep Chaudhary (Team Leader)**, **Mr. Uttkarsh (Marketing Manager)** and **Mr. Kuldeep Kumar (Technical Consultant)** from **Aprtron** by **Prof. S. K. Bagga-Director, DGI, Greater Noida**.

Welcoming the Guests, **Prof. Bagga** said that such workshops are important as they create awareness about new technologies.

**Mr. Kumar** started the session with a brief description of the relevance of "C" for each technical branch along with its future advantages in the Embedded Technologies. He explained in detail various core concepts of "C" along with their practical implementation. During his lecture he focused on the concepts of Operating System, Branching, Looping, Arrays, Pointers, Functions and Strings.

**Mr. Uttkarsh** conducted hands on training. He also discussed the role of C language in Career Growth, Placement and Higher Education.

  
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The program ended with the presentation of memento to **Mr. Sandeep Chaudhary, Mr. Uttkarsh and Mr. Kuldeep Kumar** by **Prof. Bagga**.

**Ms. Shalini Sharma** , Program Coordinator rendered vote of thanks.




Link of the Event: [https://gnindia.dronacharya.info/events/Event\\_Oct\\_2016.aspx?Month=Oct&Year=2016](https://gnindia.dronacharya.info/events/Event_Oct_2016.aspx?Month=Oct&Year=2016)

## Run and Cultural Program on Universal Brotherhood Day Celebration

Date of the event: 11-11-16

No. of Participant: 124

Summary of the event: **Vivekanand Kendra, Kanayakumari, Delhi** Branch organized a **Run and Cultural Program** on **Universal Brotherhood Day Celebration** on **11th September 2016**. 124 NSS Volunteers of **Dronacharya Group of Institutions, Greater Noida** actively participated in this event. **Universal Brotherhood**

  
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**Day** is celebrated every year in the remembrance of the epoch speech of **Swami Vivekanand** delivered during "**Parliament of Religions**" at **Chicago** in **1893**.

**The Run for Universal Brotherhood** started at 7:30 AM from **Talkatora Stadium**. The participants ran through passing through **Kalibari Marg, Mandir Marg, RML Roundabout, Baba Khark Singh Marg, Talkatora road** and culminated back at **Talkatora stadium**.

After the Run, The Cultural Events at **Talkatora Indoor stadium** started with Vedic chants followed by skit presentation by students of various colleges. This was followed by deliberations of some eminent persons on **Universal Brotherhood**. The event concluded with the performance of a versatile artist **Shri Satanarayan Mouriya Ji**. At the venue organizers stall offered literature, souvenirs and eateries etc.

The **Run for Brotherhood** concluded with distribution of certificates and medals followed by refreshment at **Talkatora Indoor Stadium, New Delhi**.



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Link of the Event:

[https://gnindia.dronacharya.info/events/Universal\\_Brotherhood\\_2016.aspx?Month=Sep&Year=2016](https://gnindia.dronacharya.info/events/Universal_Brotherhood_2016.aspx?Month=Sep&Year=2016)

## Workshop on Research Methodologies and Modelling Techniques

Date of the event: 16-09-2016

No. of Participant: 54

Summary of the event: Department of Information Technology, **Dronacharya Group of Institutions, Greater Noida**, organized a one day workshop on "**Research Methodologies and Modelling Techniques**" on **September 16th, 2016** which was conducted by **Mr. Prashant Kumar, Scientist CSIR-CSIO Chandigarh**. 54 Students participated in the workshop which was coordinated by Assistant Professor, **Ms. Preeti Chawla**.

The objective was to help the students understand the benefits of Research Methodologies and develop critical thinking.

The session started with the welcome address by **Prof.(Dr.) S. K. Bagga, Director Dronacharya Group of Institutions, Greater Noida**.

**Mr. Prashant Kumar** started the session with an introduction, importance and applications of Research. He said that the innovation is necessary for maximizing effectiveness. Incorporating many years of continuous research and development, the latest Drastic Model offers Vulnerability- Based Map and visualization tools, fast linear and nonlinear analytical power. **Mr. Prashant** also said that the machine learning has sophisticated and comprehensive capabilities that allow users to quickly and easily decipher and understand analysis and results. It also integrates every aspect of the multi-criteria decision modelling technique.

During the session students were trained to work on **PYRAMID STRUCTURE OF RESEARCH**. Following topics were covered during the session:

### **Redefining Research**


#### **Research systematic & objective identification**

#### **Problem identification Research**

The last session of the workshop was a practice session where research models were developed using PYRAMID STRUCTURE.

The workshop ended with the Valedictory Session where the participation certificates were issued to all the candidates. Ms. Preeti Chawla delivered Vote of Thanks.

The one day workshop had useful insights for students in research. Various aspects of the design & analysis of research structures by using **pyramid** were studied in - depth. The knowledge imparted during the workshop will help students in developing projects and research papers in future.



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Link of the Event:

[https://gnindia.dronacharya.info/events/Research\\_Methodologies\\_2016.aspx?Month=Sep&Year=2016](https://gnindia.dronacharya.info/events/Research_Methodologies_2016.aspx?Month=Sep&Year=2016)

## INTERNATIONAL WORKSHOP ON AMATEUR RADIO COMMUNICATION & COMPUTING IN EDUCATIONAL ENVIRONMENT

Date of the event: 14-09- 2016

No. of Participant: 6

Summary of the event: An International Workshop on "**Amateur Radio Communication & Computing in Educational Environment**" was organized by **ABES Engineering College, Ghaziabad** on **14th & 15th September 2016**. The workshop was aimed at providing knowledge in the area of **Amateur Radio Communication** and **Amateur Radio Community**. **Mr. Nitin Kumar, Assistant Professor (ECE)** along with six B. Tech (ECE) students **1. Aditi Biswas, 2. Deepak Kumar, 3. Madhvi Priya, 4. Raj Kumar Singh, 5. Shweta Sharma and 6. Siddhant Bansal** from **Dronacharya Group of Institutions, Greater Noida** attended the workshop.

**Dr. Miroslav Skoric** from **University of Novi Sad, Serbia (ACM & IEEE Section Austria)** and **Dr. Sandeep Baruah, Scientist-E, Vigyan Prasar**, Department of Science & Technology, Govt. of India were the invited speakers for the event.


### Day 1: 14th September 2016

The inauguration of the workshop started with the welcome address by **Prof. (Dr.) P. C. Vashist, HOD - IT, ABES** followed by the introductory lecture from **Dr. M.K. Jha, Director, ABES, Dr. S. S. Tyagi (Guest of Honor)** and **Dr. M. K. Soni (Chief Guest)** on the **Amateur Radio** and its importance.

Workshop started with the introduction of **Amateur Radio** by **Dr. Miroslav Skoric**. He explained the Packet Radio System, which is the simplest way of interconnecting two (or more) computers - by using the amateur radio infrastructure and avoiding any commercial service. He explained **Amateur Radio Relay, HF (14Mz), VHF (144 MHz) and UDF (432 Mz) Band** for amateur radio communication. He also demonstrated the satellite tracking through **GPREDICT** software.

**Dr. Sandeep Baruah** gave detail of HAM, Morse Code and Armature Operator License Exam.

### Day 2: 15th September 2016

  
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**Dr. Miroslav Skoric** discussed various open source software available for packet radio. He said that **DOSFBB, WinFBB, LinuxFBB, Xrouter, JNOS, sysop etc.** are some tools which can run on **DOS, MS Windows** and **Linux Operating System**. He also explained various antennas and their mounting for amateur radio.

**Dr. Sandeep Baruah** demonstrated a wire type antenna for amateur radio. The session ended with a quiz in which students actively participated.

The workshop ended with **Vote of Thanks** delivered by **Dr. M.K. Jha** and certificates distribution.

The workshop was very educative and informative. The participants got an exposure of Amateur Radio Communication. The knowledge gained from this workshop will help participants start their **Amateur Radio Station** and become part of **Amateur Radio Society**.




Link of the Event: [https://gnindia.dronacharya.info/events/Amateur\\_Radio\\_2016.aspx?Month=Sep&Year=2016](https://gnindia.dronacharya.info/events/Amateur_Radio_2016.aspx?Month=Sep&Year=2016)

## QEEE session on 'Fundamental of Laplace Transform'

Date of the event: 24-01-2017

No. of Participant: 45

  
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Summary of the event: The QEEE session on 'Fundamental of Laplace Transform' was organized by IIT, Madras under D2S (Direct to Student) Program at Dronacharya Group of Institutions, Greater Noida through ICT on 24th January, 31st January and 2nd February 2017 from 10.00 a.m. to 12.00 noon for B. Tech. 1st Year CSE students. Prof. Gopal Srinivasan (Department of Mathematics, IIT, Bombay) was the resource person for these sessions. Mr. Prassan Sharma (Assistant Professor, Department of APS) coordinated the session as the Local Faculty Coordinator.

## Day 1: 24th January 2017

Prof. Gopal Srinivasan shed light on the application of the Laplace Transform to differentiation and integration. He described the basic differentiation and method of Riemann and Lebesgue Integral. He explained how Riemann integral is related with Lebesgue integral and why we are using the Laplace Transform. With the help of examples he related Laplace Transform to the Improper Integral and explained Radius of Convergence and Lemma of Convergence. The session ended with the Q & A session.


## Day 2: 31st January 2017

Prof. Gopal Srinivasan explained Laplace Transformation with Riemann Integral. He discussed the Uniqueness Theorem and second shifting property of Laplace Transform. He discussed the initial and final value theorem and also explained the inverse Laplace transform.

## Day 3: 2nd February 2017

After the review of 2nd day session, Prof. Gopal Srinivasan explained how Laplace Transformation is helpful to compute the integrals and integro - differential equations. He further discussed the Convolution Theorem and its advantages. The session ended with the Q & A session.



  
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Link of the Event: [https://gnindia.dronacharya.info/events/LaplaceTransform\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/LaplaceTransform_2017.aspx?Month=Jan&Year=2017)

## **Awareness Workshop for Smart India Hackathon**

Date of the event: 18-01-2017

No. of Participant: 3

Summary of the event: **All India Council for Technical Education (AICTE)**, under the aegis of Ministry of Human Resource Development, Govt. of India in association with Inter Institutional Inclusive Innovation Center (i4c), and Persistent Systems is organizing '**Smart India Hackathon 2017**', a unique initiative to identify new and disruptive digital solutions for solving the challenges faced by our country.

In this regard AICTE organized an **Awareness Workshop for Smart India Hackathon on 18th Jan, 2017** at **AICTE Auditorium at New Delhi**. The workshop was graced by :


**Shri. Prakash Javadekar, Hon'ble Minister of HRD, Government of India**

**Dr. Anil Sahasrabudhe, Chairman, AICTE.**

**Dr. Manpreet Manna, Director, AICTE.**

**Dr. Abhay Jere, Secretary, Organizing Committee, Smart India Hackathon 2017.**

SPOCs, Directors /Principals and Faculties along with the Students of AICTE approved institutions attended the workshop. Faculty members **Dr. Somnath Sinha** and **Sh. Ashwani Kumar** along with the students, **Vikas Rai, Sachin Verma & Apratim** represented **Dronacharya Group of Institutions, Greater Noida** at the workshop.

  
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Inaugurating the workshop, **Dr.Manna** welcomed all the participants and gave a brief of **Smart India Hackathon 2017**, its structure, rules of participation and mode of idea submission.

**Shri. Prakash Javadekar** said that **Hon'ble Prime Minister, Shri Narendra Modi**, envisages the '**Digital India**' initiative to bridge the digital divide in our country and further promote digital literacy in order to make development a comprehensive mass movement and put governance within everyone's reach. **Sh. Javadekar** said that the PM also believes that, to ensure development youth should be involved in large numbers as they are capable of offering new, innovative solutions for some of the daunting problems faced by our nation e.g. water management, sanitation, affordable healthcare, sustainable environment, etc.

**Shri. Javadekar** informed the audience that 29 ministries had given 598 challenging problems. **Till 17th January 2017**, 601 ideas addressing 253 problem statements were received by **MHRD**. However, there are 345 problem statements still need to be addressed for which he encouraged the students to come forward and submit ideas.

**Sh. Javadekar** said that **SIH - 2017** will be a 36 hrs non-stop digital programming competition during which student teams will compete simultaneously at 25 different centers across India to offer innovative digital solutions for any given problem. Smart India Hackathon 2017 will be the biggest Hackathon initiative in the world, as it will reach out to 30+ lakhs technology students across all technology institutions in India recognised by AICTE. Through this initiative, student community will think out - of - the - box and offer innovative, disruptive yet sustainable ideas to build smart applications which will help in national development.


Seeing the enthusiasm of the students, **Sh.Javadekar** declared that the **last date of submission of ideas has been extended to 31st January 2017**. He said that he expected students from all the AICTE approved colleges to participate in **SIH - 2017**.

**Dr. Anil Sahasrabudhe** thanked all for showing interest in the participation of **Smart India Hackathon 2017**. He motivated the students to contribute for the Digital India transformation. He said that 1.25 billion nation is waiting to see the solutions to their problems. Their hope is 3 million bright, motivated technical students of India on whom the responsibility lies.

**Dr. Abhay Jere** opined that It could be a life changing opportunity for students to solve the problems of common man, government and the nation to make India 'smart'. This opportunity he said will give the students all the skills required to become employable, to be an entrepreneur, manager, leader and more importantly a satisfied human being. **Dr.Jere** encouraged them to take their step forward towards the Smart India and win exciting prizes, which can change their life through out.

**Member Secretary - AICTE** and **Dr. Anil Sahasrabudhe** felicitated **Sh.Javdekar** with a memento.

**Dr. Manpreet Manna, Director, AICTE** rendered Vote of Thanks.



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Link of the Event: [https://gnindia.dronacharya.info/events/SmartIndia\\_2017.aspx?Month=Jan&Year=2017](https://gnindia.dronacharya.info/events/SmartIndia_2017.aspx?Month=Jan&Year=2017)


## Awareness session on Spoken Tutorial

Date of the event: 17-02-2017

No. of Participant: 134

Summary of the event: An awareness session on **Spoken Tutorial** was organized by **Dronacharya Group of Institutions, Greater Noida** in collaboration with **IIT Bombay** on **17th February 2017**. The objective of the session was to spread awareness about spoken tutorial activities and to train students as well as faculty members. Fourteen Faculties from various colleges and 134 students of First Year from **Dronacharya Group of Institutions, Greater Noida** attended the session.

The workshop was conducted by **Ms. Varsha Dand, Training Coordinator, Spoken Tutorial, IIT Bombay**.

  
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The program started with lighting of lamp and floral welcome of the guest by **Prof. (Dr.) S. K. Bagga, Director DGI, Greater Noida.**


Speaking on the occasion, **Ms. Varsha Dand** said that the Spoken Tutorial project is the initiative of the **National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India.** The Spoken Tutorial project is being developed by **IIT Bombay.** She stressed that learning is more effective when animation and narration are presented simultaneously. Audio - video demonstrations can illustrate features with maximum clarity. The session was conducted to pass on the knowledge of technology and free open source software (**FOSS**) to the students and faculty members who lack opportunities or access to learn any software.

**Ms. Varsha Dand** said that about 4 lakh participants have been trained through Spoken Tutorial and over 220 colleges have been registered. She stated that Department of Electronics and Information Technology (DEITY, GoI) had said that, Government shall endeavor to adopt Open Source Software in all e-Governance systems implemented by various Government organizations, as a preferred option in comparison to Closed Source Software.

During the lab session students and faculty were given hands on practice on software like **Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice.** The participants got themselves registered on Spoken Tutorial website. **Ms. Varsha Dand** explains the procedure to fill the registration form. She explained them about filling of Tracking and Monitoring Sheet. Participants got first-hand information about applications of the software in real life. Hands - on - training instilled confidence in them about of Spoken Tutorial.

The program came to an end with vote of thanks by **Ms. Sheetal Saigal,** Assistant Professor, Department of Computer Science and Engineering, **DGI Greater Noida.** She thanked all the participants from different colleges, faculty coordinators and management for making event successful.



  
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Link of the Event: <https://gnindia.dronacharya.info/events/SpokenTutorial.aspx?Month=Feb&Year=2017>

## CISCO - Workshop On Basic Concept of Computer Network Design

Date of the event: 28-03- 2017

No. of Participant: 50

Summary of the event: **DGI - IEEE Student Chapter** in association with **DGI - CISCO Networking Academy** organized a Two Day s Workshop on **Basic Concept of Computer Network Design** on **28th - 29th March 2017**. Fifty students from CSE, IT, CSIT, ME, ECE and EEE participated in this workshop.

The objective of the workshop was to create awareness and help students develop skills of Network Design, Network Devices and make them understand the need of Routers, Switches, VLANs and enhancing their knowledge of Networking.


The program was coordinated by students **Mr. Apratim Kumar Singh** from CSE second Year and **Ms. Yashi Malhotra**, from CSE Third Year.

### **27th March 2017**

A preliminary session on **Network Design** was conducted by **Mr. Manoj Kumar Yadav** and **Dr. Somnath Sinha**, **CISCO Instructor, DGI Greater Noida** on **27th March 2017**.

**Mr. Manoj Kumar Yadav** highlighted the importance of CISCO Certification and benefits of various networking courses i.e. CCENT and CCNA etc. provided by **CISCO Networking Academy**. He held a technical session which included the discussion on Ethernet, Network Layer and transport Layer. He also explained the operation of the Ethernet sub-layer, the purpose and characteristics of the Ethernet MAC address using CISCO - Simulator.

**Dr. Somnath Sinha** described the structure of an IPv4 address and the purpose of subnet mask. He explained multi task addresses, the role of ICMP in an IP network and uses of ping and traceroute utilities to test network connectivity.

  
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**28th March 2017**

**Dr. S.K Bagga - Director, DGI, Greater Noida** welcomed the Resource Person **Mr. Siddharth Rajbhatt, Network Security Specialist [MPSEDC Ltd.]** with a bouquet.

**Mr. Rajbhatt** started the first session with an explanation of **CISCO Packet Tracer (Simulator)**. He delivered a lecture on **Virtual Local Area Network (VLAN), VLAN Implementation, VLAN Security and Design and its Troubleshooting** using Cisco Packet Tracer. He discussed Network Layer, Design Issues in the Network Layer, Routing Algorithms and Network Layer in the Internet.

While conducting a session on Dynamic Routing, **Mr. Siddharth Rajbhatt** explained the basic operations of protocols, compared dynamic and static routing and also discussed about Broadcast Domain with proper troubleshooting. He also provided students with a task to design a working network design based on concepts on VLAN.

**29th March 2017**


**Mr. Siddharth Rajbhatt** demonstrated the best routes to transfer data from one node to another. He explained how routers communicate between each other in order to complete the task. He further discussed the routing protocols i. e. **Routing Information Protocol (RIP)** and **Open Shortest Path First (OSPF)**.

He also discussed about implementation of ACL and NAT characteristics, the benefits and drawbacks of NAT. He configured static NAT, dynamic NAT and port forwarding using the Command Line Interface (CLI). He explained in detail the various strategies that customers and network engineers can use to troubleshoot their networks for optimal performance.

**Mr. Rajbhatt** provided a very impressive introduction and comprehensive outlook towards Computer Network Design.

The workshop ended with presentation of Memento to **Mr. Siddharth Rajbhatt**. Participation Certificates were distributed to the students. **Mr. Manoj Kumar Yadav, CISCO - Coordinator proposed Vote of Thanks.**



  
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Link of the Event: [https://gnindia.dronacharya.info/events/CISCO\\_Workshop\\_2017.aspx?Month=Mar&Year=2017](https://gnindia.dronacharya.info/events/CISCO_Workshop_2017.aspx?Month=Mar&Year=2017)

## workshop on “Web Development Application”

Date of the event: 03-02-17

No. of Participant: 42

Summary of the event: **CSI Student Branch of Dronacharya Group of Institutions, Greater Noida** organised a two - day workshop on “**Web Development Application**” in association with **Robotech Labs** on **2nd & 3rd March 2017** in celebration of the **CSI Annual Day**. 42 students of CSE and CSIT Second Year participated in the workshop.

The objective of the workshop was to provide knowledge and help students develop skills to craft websites and web-based applications. It was also meant to make the students understand the needs of the industries for such web-based applications and web designing.

The program was coordinated by **Ms. Shalini Sharma** (SBC DGI CSI Branch), **Mr. Manoj Kumar Yadav** (Assistant Professor) and CSE second year students **Mr. Apraitm Kumar Singh**, **Mr. Chaitanya Singh** and **Mr. Sahil Rajput**.

The program started with lighting of lamp. It was followed by the floral welcome of the Chief Guest **Dr. R. C. Tripathi, Chairman, CSI Noida Chapter**, **Mr. Aniket Yadav** (Technical Trainer, Robotech Labs) and **Mrs. Shruti Gupta** (Assistant Trainer, Robotech Labs) by **Prof. (Dr). S. K. Bagga, Director, DGI, Greater Noida**.

**Dr. R. C. Tripathi** described the concept of Ethical Hacking and explained the new techniques of application development.



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**Mr Aniket Yadav** started the session with the explanation of the basics of **Web Application Development** and the use of such applications. He discussed the history of **HTML Language** used in the process. **Mr Yadav** later provided a tool called **Brackets (Editor)** with setup files which helped students in creating website sample. The concept of **CSS (Cascade Style Sheet)** was also introduced by the trainer with a complete guide on the use of **Bootstrap Program** which facilitates to accelerate the design of a website.

Students were then asked to work on their website as practice and. Participants were assigned the task of website creation for the next day.


**On the Second day**, the session began with a brief revision of Day-1 session. **Mr. Yadav** then explained the advance level of the Hands on Training with various add - ons for the website. **He briefly explained PHP & Java - Script** and their usage in web designing. The students were encouraged to host their websites online and were guided to the process of Hosting using free services (e.g. **dgi.96.lt**). The Hands - on - training was followed by a Question - Answer session where the students actively interacted and got their queries answered.

The session concluded with the presentation of memento to **Mr. Aniket Yadav** and **Mrs. Shruti Gupta** by Prof (Dr.). **S. K. Bagga**.



Link of the Event:

[https://gnindia.dronacharya.info/events/WebDevelopmentApplication\\_2017.aspx?Month=Mar&Year=2017](https://gnindia.dronacharya.info/events/WebDevelopmentApplication_2017.aspx?Month=Mar&Year=2017)

  
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## 20th IIRS Outreach Programme on “Microwave Radar Remote Sensing and its Applications”

Date of the event: 10-04-17

No. of Participant: 30

Summary of the event: **20th IIRS Outreach Programme on “Microwave Radar Remote Sensing and its Applications”** was organized by IIRS Derhadun under EDUSAT during **10th April - 28th April 2017**. Students from **Dronacharya Group of Institutions, Greater Noida** participated in the program through A-View.

The outreach program was locally coordinated by **Dr. Somnath Sinha, Assistant Professor**. 30 students from B. Tech. (CSE/IT/ME/ECE) from various semesters enrolled for the course.

### Day 1: 10th April 2017

**Dr. A Senthil Kumar**, Director IIRS inaugurated the session. **Dr. R. S. Chatterjee**, the Course Director gave an overview of the course.

**Mr. Shashi Kumar**, Scientist/Engineer – SD from Photogrammetry and Remote Sensing Department delivered the lecture on “**Overview of Synthetic Aperture Rader remote Sensing**”. He started with the introduction of synthetic aperture radar and briefly described the essential elements of an Imaging RADAR Remote Sensing System, Synthetic Aperture Radar, Microwave Bands, Microwave Sensors, SAR Versus other Earth Observation Instruments and SAR Satellites.

### Day 2: 11th April 2017

**Mr. Shashi Kumar** discussed “**SAR Imaging Modes and Data Format**”. He gave the detail explanation of the matters e.g. different types of SAR system, Imaging platforms and wavelength used in SAR remote sensing, mode of acquisition and SAR data format.

### Day 3: 12th April 2017

**Mr. Shashi Kumar** discussed “**SAR Data Processing**”. He explained SAR Geometry, Range Resolution, Slant Range and Ground Range, Rader Polarization, SAR Raw Data, SAR Focusing and DATA compression in range direction.

### Day 4: 13th April 2017


**Mr. Shashi Kumar** discussed “**Polarimetric SAR Remote Sensing**”. He gave an overview SAR Polarimetry, Stokes Vector, Decomposition Modeling, Scattering Information Retrieval, RGB Images of the model and modeling for Biophysical Characterization.

### Day 5: 18th April 2017

The speaker of the fifth day was **Mr. Ashutosh Bhardwaj**, Scientist/Engineer-‘SF’, PRSD (GT&OP Group). He discussed “**Basic Concepts of SAR Interferometry and Data Processing**”. He introduced SAR Interferometry and explained Young’s Double Slit Experiment, Law of Cosines, Interferometric Synthetic Aperture Radar, Height of Ambiguity, Single-pass SAR Interferometry, Procedure for DEM generation using Sarscape, Refinement and Re-flattening Phase Unwrapping and Phase to Height conversion & Geocoding.

### Day 6: 19th April 2017

The speaker, **Dr. Hari Shanker Srivastava**, Scientist/Engineer – SD from Agriculture and Soil Department discussed

  
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“**SAR Remote Sensing for Agricultural Applications**”. He highlighted the matters e.g. Advantages of Microwave Remote Sensing, Microwave for soil moisture estimation, conceptualization of a plant parameter that attempts to capture the interaction of SAR to a plant and its use in wheat yield estimation and conceptualization of a soil moisture measure that can incorporate the effect of soil texture in soil moisture using microwave remote sensing.

### Day 7: 20th April 2017

**Dr. Praveen K. Thakur**, Sc./Eng. SF, WRD discussed “**SAR APPLICATIONS IN SNOW, GLACIER AND ICE SHEET STUDIES**”. His lecture was based on SAR Applications in Snow studies, SAR Applications in Glacier studies, SAR Applications in Ice sheet studies and Future SAR missions for cryosphere.

### Day 8: 21st April 2017

**Dr. Praveen K. Thakur** discussed “**SAR Applications in Flood Mapping and Monitoring Studies**”. His lecture was based on Flood definition, causes and Impact, Principal of flood mapping using Remote sensing, EO systems for Flood management, Flood Inundation mapping and monitoring, Water level monitoring using Altimeters and Flood modelling and DA using HD models, Flood risk zonation and vulnerability analysis.

### Day 9: 24th April 2017

**Dr. Hitendra Padalia** Scientist/Engineer SF, Forestry and Ecology Department discussed “**SAR Remote Sensing for Forest Studies**”. His lecture was based on requirement of SAR Observations, Microwave Interaction with Forest Canopy, Application Areas of forest and Future missions & prospects.

### Day 10: 25th April 2017

In the first session the speaker was **Dr. A. K. Mishra**, Department of Marine & Atmospheric Science delivered a lecture on “**Application of SAR data for detection of Oil Spill and Retrieval of Coastal Bathymetry**”.

In the second session **Dr. D. Mitra**, Head, Marine and Atmospheric Sciences Department discussed “**SAR Data Analysis for Coastal Oceanography**”. Both of them explained Oil spill and associated environment hazards, physical characteristics of oil slick, methods for oil slick detection with special reference to SAR, application of remote sensing in recent oil spill events, conventional methods for mapping coastal bathymetry and methodology for mapping coastal bathymetry using SAR.

### Day 11: 26th April 2017


**Dr. R. S. Chatterjee**, Sr. Scientist, Geosc. & Disaster Mgmt. Studies Group delivered a lecture on “**SAR Remote Sensing for Geological Studies**”. His lecture was based on Remote Sensing Studies in Microwave region of the EM Spectrum, SAR Backscattering, Optical vs. SAR Images for Geological Study, Properties for Radar Remote Sensing for Geological Study, SAR Remote Sensing for Lithological Mapping, SAR Remote Sensing for Geological Applications, Optical Remote Sensing vs. SAR Remote Sensing Polarimetric SAR (PolSAR) Technique, Interferometric SAR (InSAR) Technique, Interferogram and Digital Elevation Model, Terrain Relief Extraction from SAR data and case studies on Nepal Earthquake.

### Day 12: 04th May 2017

Online Examination of 20th IIRS Outreach Programme Microwave Radar Remote Sensing and its Applications was rescheduled from **28th April 2017** to **4th May 2017** at 9:30 hrs. The examination was conducted in Computer Lab where individual PCs were allotted to each student.

The following students completed the examination successfully:

1. Vijay Shankar
2. Prem Ranjan
3. Bishal Shahani



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Link of the event:

[https://gnindia.dronacharya.info/events/IIRS\\_Outreach\\_Programme\\_2017.aspx?Month=Apr&Year=2017](https://gnindia.dronacharya.info/events/IIRS_Outreach_Programme_2017.aspx?Month=Apr&Year=2017)

## Workshop on Basic Concept of Python Programming


Date of the event: 04-06-17

No. of Participant: 60

Summary of the event: **Foss Center - Dronacharya Group of Institutions, Greater Noida** organized a two workshop on **Basic Concept of Python Programming** on **6th & 7th April, 2017**. The workshop was conducted by **Mr. Jitendra Kumar Chauhan, Assistant Professor, Computer Science and Engineering**. Sixty students of CSE, IT and CSIT attended the workshop.

The objective of this workshop was to help participants to learn concepts to explore the power and simplicity of python language. This workshop was appreciated by the all students, as they were able to add another programming language in their technical skill set.

**Mr. Jitendra Kumar Chauhan** explained Python Interpreter, Basic of Arithmetic, Variables and Strings. He also explained Python Data Structures (Tuples, Dictionaries, Lists) and various operations on data structures. **Mr.**

  
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**Chauhan** explained control flows with the help of examples. He also taught file handling concept. Later he explained about object oriented programming concepts in Python.




Link of the Event:

[https://gnindia.dronacharya.info/events/Python\\_Programming\\_2017.aspx?Month=Apr&Year=2017](https://gnindia.dronacharya.info/events/Python_Programming_2017.aspx?Month=Apr&Year=2017)

## Workshop on Drupal 8 Web Development

Date of the event: 05-06-17

  
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No. of Participant: 17

Summary of the event: A Six-Day workshop on **Drupal 8 Web Development** was organized by **DGI FOSS Center** at **Dronacharya Group of Institutions, Greater Noida** under the **Spoken Tutorial Project** of **IIT Bombay** during **5th – 10th June 2017**. 17 students from CSE and CSIT Third Year attended the workshop which was conducted by **Mr. Manoj Kumar Yadav**, Assistant Professor - CSE and **Dr. Aditi Paul**, Assistant Professor-IT department.

## Day 1: 5th June 2017, Monday

The first session of day-1 began at 9 AM with the introductory session by **Mr. Manoj Kumar Yadav**. He explained the brief history of **Drupal 8 Web Development**, its features and version control. **Mr. Yadav** also described the difference between web application by HTML and by Drupal. The main objective of this session was to make the students understand the versatility of Drupal 8 in developing websites and its huge community. **Mr. Yadav** continued his session by explaining the **Installation Procedure** of **Drupal 8**. He also helped students to install Drupal to their laptops with specific instructions like Administrator, user 1, authenticated users etc.

In the second session **Dr. Aditi Paul** explained the features of **Drupal 8** application development software. She shared a short story behind the origin of Drupal and described how Drupal was first developed by two graduate students, **Dries Buytaert** and **Hans Snijder** of **University of Antwerp** in 2000. **Dr. Paul** explained the content management features of **Drupal 8** and helped students to execute the same in their laptops. She also explained the type of content like article, basic pages and how to create new content and display them on the site.

## Day 2: 6th June 2017, Tuesday

Day 2 started with the tutorial on **Content Type** of Drupal by **Mr. Manoj Kumar Yadav**. He demonstrated to the students how to create content types in Drupal 8 and manage field. Students created their own content types according to their site topics. The session was very interactive and students got interested in developing the site.


Second session started with **Content Management** tutorial in which **Dr. Aditi Paul** taught the students how to manage the existing content of a Drupal site. She explained the **Quick Edit** options available in Drupal 8 which is a very useful feature in Drupal. **Dr. Paul** also explained how to change default logo and install own logo in existing content in Drupal. The students effectively executed the same on their Laptops. **Dr. Paul** also demonstrated Block Lay out in structure tab in Drupal which essentially defines where and how to place contents in a specific block in the development site.

## Day 3: 7th June 2017, Wednesday

Day 3 started with the **Basic Concepts of View** by **Mr. Manoj Kumar Yadav** in which he explained the applications of view in Drupal 8. He explained how view can change the layout of Drupal content. Participants executed the view in their sites and modified the views of their development sites.

The second session was conducted by **Dr. Aditi Paul** in which she taught the students the **Appearance** tab of Drupal. The utility of Drupal 8 appearance is to use the default themes of Drupal 8 like **Barteik, Seven** etc. She stated that the themes actually give the look and feel of the development sites. One can install new theme to change the appearance of one's site. The session became very interesting when students tried to install new themes and encountered sudden compatibility error.

## Day 4: 8th June 2017 Thursday



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Day 4 started with an introduction to **Taxonomy** in Drupal 8 by **Mr. Manoj Kumar Yadav**. He discussed the features of taxonomy and where to apply it. **Mr. Yadav** explained that taxonomy is a basic structure to make table of related data for example if one wants to create a Course under which different branches come then taxonomy gives an easier way to create that. Students used the features for their own developments sites and added data to that.

The second session was conducted by **Dr. Aditi Paul** in which she taught how to insert a new image in newly installed theme in Drupal 8. She gave instruction to the students to change the images coming up by default in a theme and insert images relevant to the development site.

## Day 5: 9th June 2017, Friday

Day 5 started with the web hosting in Pantheon by **Dr. Aditi Paul**. She taught the students how to create a Drupal 8 project in a free web hosting platform like Pantheon. She instructed the students to create free account in Pantheon and create a Drupal 8 project same as they have made on their local host.

**Dr. Paul** continued the session with the introduction to **GitHub** repository in which she explained the use of repository and its application. Students learned how to import an existing repository in their local host to a web control repository so that one can change and modify the code as and when required. The tutorial was crucial for the students to understand initially. They successfully created a repository in **GitHub** and **clone** a code file into that.


## Day 6: 10th June 2017, Saturday

The last day i.e. Day 6 started with the final presentation of the web application that the participants developed during the workshop. Each of the application was analyzed by the instructors and modification was suggested. The session continued with a spoken tutorial online test on Drupal. The test was challenging and participants used their knowledge they gained during the workshop to answer the questions.

The top scorer was Vishal Jindal (CSIT VI) with 83% score.

The 6-Day workshop ended with a feedback session where students suggested to organize such type of workshop on a regular basis.



  
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The banner features the Dronacharya Group of Institutions logo at the top. Below it, the Spoken Tutorial Project, IIT Bombay logo is on the left, and the IIT Bombay logo is on the right. The central focus is the Drupal logo. To the left of the Drupal logo, the text 'Drupal 8 Workshop' is written in a large, bold font. To the right, a yellow box contains the text 'Duration: 5th -10th June 2017'. Below that, another yellow box lists the 'Faculty Coordinator: Mr. Manoj Yadav (Mob: 7042431751) Dr. Aditi Paul (Mob: 9716775691)'. At the bottom, a blue box contains the 'Venue: Dronacharya Group of Institutions, Plot-27, Knowledge Park-III, Greater Noida Tel: 0120-2322022.'

Link of the Event: [https://gnindia.dronacharya.info/events/Workshop\\_Drupal\\_2017.aspx?Month=Jun&Year=2017](https://gnindia.dronacharya.info/events/Workshop_Drupal_2017.aspx?Month=Jun&Year=2017)

## Golden Jubilee National Seminar on Promotion of Skills & Technologies for Sustainable Rural Development in India

Date of the event: 31-08 -2017

No. of Participant: 4


Summary of the event: **The Golden Jubilee National Seminar on "Promotion of Skills and Technologies for Sustainable Rural Development in India"** was organized by **National Institute of Technical Teachers Training And Research (NITTTR) Chandigarh** during **31st August - 1st September 2017**. Two students from Civil Engineering and two students from Mechanical Engineering Department, **Dronacharya Group of Institutions, Greater Noida** attended the seminar and presented their research papers.

The objective of the seminar was to bring together leading researchers, entrepreneurs and academicians on a common platform for presentation of new advances, research in the domain of interest from around the world. It was focused on new approaches in the field of environmental technology for sustainable rural development in India.

### Day 1: August 31, 2017

**Dr. H.L. Dhaliwal (Vice - Chancellor, Eternal University, Sirmour H.P.)** and **Shri Hirday Nath Singh (Chief Patron, Unnat Bharat Abhiyan)** were the Chief Guest and Guest of Honor for the inaugural session. **Dr. U N Roy, Seminar Convenor- NITTTR, Chandigarh** welcomed the guests and briefed the participants about the importance of **Golden Jubilee National Seminar**.

**Dr. Dhaliwal** delivered his expert lecture on **New Technologies** and **Shri Hirday Nath Singh** delivered a lecture on **"Rural Development & Innovative Initiatives"**.



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**Day 2: September 1, 2017**

DGI students presented their research paper in **5th Technical Session** under the supervision of following technical team.

1. **Prof. Padma Vasuvevan, Professor Emeritus IIT Delhi**
2. **Prof. P K Sen, Professor Emeritus IIT Delhi**
3. **Prof. UN Roy, Professor and Head, NITTR, Chandigarh**

**Indrajeet and Alok Kumar**, students of 3rd Year Civil Engineering branch DGI Greater Noida presented their research paper on the topic "**Floating Bridge**". The paper is focused on making a bridge to cross the river that floats on the water with optimum cost. The bridge consists of two portions: Floating and Hydraulic. Floating part is made in such a way that it can float on water using buoyancy principle and can move up and down as the water level varies.


**Vikas Singh and Vishal Roy** 3rd Year students of Mechanical Engineering branch DGI Greater Noida presented their research paper on the topic "**Rocker Bogie Suspension System for Heavy Loading Vehicles**". The paper focuses on developing a suspension system for heavy load vehicles. The motive of this research is to develop a mechanical design that includes advantages of rocker-bogie suspension system and implement it suitably in conventional heavy loading vehicles (e.g. tractor and truck).

The Golden Jubilee National Seminar concluded with the distribution of Certificates.

**Dr UN Roy** proposed Vote of Thanks.

It was great experience for students to present the papers among delegates from around the world. Students got a chance to interact with leading academicians and their counter parts from various colleges. This has instilled confidence among students to present their ideas and ultimately improved their presentation skills. The deliberations of the seminar will go a long way in the development of innovative ideas, approaches for sustainable rural development.



  
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Link of the Event: [https://gnindia.dronacharya.info/events/PromotionSkills\\_2017.aspx?Month=Aug&Year=2017](https://gnindia.dronacharya.info/events/PromotionSkills_2017.aspx?Month=Aug&Year=2017)

## A one day workshop on "Android Application Development"

Date of the event: 22-09- 2017

No. of Participant: 39

Summary of the event: A one day workshop on "**Android Application Development**" was organized by **DGI-CSI Student Chapter** at **Dronacharya Group of Institutions, Greater Noida** on **22nd September, 2017**. **Mr. Yash Yogi**, Technical Manager from **AndroIT Software Pvt. Ltd.** assisted by four other members of his team, **Mr. Yatin Yadav** (IOS Lead & Sr. Android Developer), **Mr. Lakshay Juneja** (Sr. Android Developer), **Mr. Sushant Jugran** (IOS Developer & Alumni of DGI) and **Ms. Priyanka Bindal** conducted the workshop. **39 students** from B-Tech 2nd Year CSE attended the session.


Starting the session **Ms. Priyanka Bindal** explained the latest developments in Android.

**Mr. Yash** conducted the training session on **JAVA Programming** as well as on **Application of JAVA in Android**.

**Mr. Yatin Yadav** and **Mr. Lakshay Juneja** conducted the session on "**How to design the layout in android using XML and JAVA**". The students designed app in their mobile during the session.

The workshop ended with the Vote of Thanks proposed by **Dr. Somnath Sinha**, Assistant Professor, Department of Computer Science & Engineering, **DGI, Greater Noida**.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/AndroidApplication1\\_2017.aspx?Month=Sep&Year=2017](https://gnindia.dronacharya.info/events/AndroidApplication1_2017.aspx?Month=Sep&Year=2017)

## Workshop on "Introduction to Cryptography"

Date of the event: 13-09-2017

No. of Participant: 85


Summary of the event: A Workshop on "Introduction to Cryptography" was organized by **Dronacharya Group of Institutions, Greater Noida** on **13 September 2017** for First Semester students. The Workshop was organised in association with DGI-IEEE Student Chapter. **Prof. (Dr.) Rajendra Kumar Sharma, Department of Mathematics, IIT Delhi** conducted the Workshop.

The session started with the welcome of **Prof. (Dr.) Rajendra Kumar Sharma**, by **Prof. Asish Soti, Director-Dronacharya Group of Institutions, Greater Noida**.

**Prof. Sharma** commenced the lecture the basic introduction of Cryptography. He discussed how cryptography is related to Mathematics as well as various fields of Engineering specifically Computer Science. He said that Cryptography is used to convert **plaintext** into **ciphertext** and vice-versa. This is known as **Encryption** and **Decryption**.

**Prof. Sharma** made the session interactive with Quizzes and Puzzles. He also explained the concept of ciphers and modulars.

The Workshop concluded with the Vote of Thanks by **Dr. Mamta Tomar**, Associate Professor, Department of Applied Sciences & Humanities.

  
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Link of the Event: [https://gnindia.dronacharya.info/events/Cryptography\\_2017.aspx?Month=Sep&Year=2017](https://gnindia.dronacharya.info/events/Cryptography_2017.aspx?Month=Sep&Year=2017)

## ESSAY COMPETITION on Essay Competition on “Mai Swachhhta Ke Liye Kya Karunga/Karungi”

Date of the event: 09-07-17


No. of Participant: 50

Summary of the event: An Essay Competition on “Mai Swachhhta Ke Liye Kya Karunga/Karungi” was conducted under **Swachh Sankalp Se Swachh Siddhi Program** of **Ministry of Drinking Sanitation, Government of India** on **7th September 2017** at **Dronacharya Group of Institutions, Greater Noida**.

The purpose of Essay Competition was to spread the awareness regarding good health, hygiene, clean and safe environment, personal health, and other good practices.

50 students of **DGI Greater Noida** participated in the essay competition. Based on the content and the quality of essay, thirteen entries were selected. These entries were submitted to **DIOS Office, Greater Noida**, where they would compete for the second round.

The Essay Competition was coordinated by **Prof. Srivastava, Mr. Prassan Sharma, Ms. Devangi Grover** from APS Department.

  
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Link of the event : [https://gnindia.dronacharya.info/events/EssayCompetition\\_2017.aspx?Month=Sep&Year=2017](https://gnindia.dronacharya.info/events/EssayCompetition_2017.aspx?Month=Sep&Year=2017)

## ENTREPRENEURSHIP AWARENESS CAMP (EAC)


Date of the event: 30-10-2017

No. of Participant: 70

Summary of the event: An **Entrepreneurship Awareness Camp (EAC)** under the aegis of **EDII** Ahmedabad, was organized at Dronacharya Group of Institutions, Greater Noida on 30 October, 2017. 70 students from CSE, IT, ME, CE, ECE and EEE participated in the event. The program was coordinated by **DGI-EDC Coordinators**, Prof. TPN Singh and Dr. Aditi Paul.

The program started with the welcome address by **Prof. (Dr.) Ashish Soti, Director**, Dronacharya Group of Institutions, Greater Noida. Dr. Soti cordially welcomed the **Chief Speaker, Mr. RAVI GUPTA, National Mentor (Entrepreneurship / Soft Skills/ Skills Development)**. Dr. Soti also highlighted the goal of conducting EAC for the engineering students and motivated them to come forward and take entrepreneurship as the career option.

After inauguration of the program, Mr. Gupta started his session with the notion of Entrepreneurship. He first explained the importance of being an entrepreneur specifically for the engineering students. Mr. Gupta said that to be an entrepreneur one should have a mindset, passion, idea and dedication. During the session Mr. Gupta tried to encourage the students who have the possibilities of becoming an entrepreneur but have fears of failure. He

  
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suggested that failure may occur in any venture but it can be recovered if we have the risk analysis capabilities of our own. He discussed how to analyze the risk in any business before starting it. Mr. Gupta continued his session with the explanation of **Single Window System** and its benefits. He also discussed various schemes of **MSME** which are available for Start-ups and new ventures.

The session was very interactive as students gathered lot of information for starting their own business. Some of the students came up with their ideas and discussed how to convert those into new business.

The one-day EAC ended with the certificate distribution by the **Director Prof. (Dr.) Ashish Soti**. Prof. TPN Singh rendered the Vote of Thanks.




Link of the Event: <https://gnindia.dronacharya.info/events/Entrepreneurship2017.aspx?Month=Oct&Year=2017>

## WORKSHOP ON NC GUIDE SOFTWARE (CNC SIMULATOR)"

Date of the event: 03-11-17

No. of Participant: 35



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Summary of the event: A workshop on NC Guide Software (CNC simulator) was conducted by FANUC India Pvt. Ltd. at Dronacharya Group of Institutions, Greater Noida on 3rd November 2017. **Mr. Akshay Upare**, Deputy Engineer, FA Application and **Mr. Mayank Gupta**, Deputy Engineer, FA Sales from FANUC India Pvt. Ltd. were the resource persons for the workshop. The workshop was attended by Third Year Mechanical Engineering students and was coordinated by **Mr. Gaurav Siwal**, and **Mr. Ajay Chaubey**, Assistant Professor from Mechanical Engineering Department.

The objective of the workshop was to make students aware of the CNC simulators that are used for programming of CNC Turning and Milling Centers. Mr. Upare started the session with the introduction of FANUC as a world leader in Automation. He said that the software can be used as developmental tool by the designers to create customized screens and offline simulation and testing without any dedicated hardware. The FANUC CNC Simulator is based on the FANUC Series 0i - MODEL F platform and can be operated in either milling or turning configurations. Mr. Upare added that one can program the simulator as a 3-axis mill or a 2-axis/1-spindle turning system. The simulator is portable and requires only a standard wall outlet for power.


Mr. Upare further said that the Simulator is a complete FANUC CNC control with LCD monitor and a QWERTY keyboard. Students can experience the look, feel and layout of the control as they navigate and program a fully functioning CNC. Students can transfer the programs to the machines using the built-in Ethernet connections or standard Flash ATA or USB interface.

Mr. Gupta elaborated the use of simulator and explained how it can be used for creation of part programs for Lathe Machining Centre and compound machines, Tool Path graphic display and 3D simulation display of finished components.

Mr. Upare then demonstrated the steps to operate and program the simulator. He displayed the simulation of few preloaded programs for Milling and Turning operations.

The workshop was very informative and gave a good glimpse of CNC and factory automation in Industry.



  
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Link of the Event:

<https://gnindia.dronacharya.info/events/WorkshopNCGuideSogtware.aspx?Month=Nov&Year=2017>

## 1st KHELO INDIA SCHOOL GAMES

Date of the event: 31-01-2018

No. of Participant: 7


Summary of the event: The first edition of **Khelo India School Games (KISG)** was held from from **31st January to 8th February, 2018** in New Delhi. It was inaugurated by **Prime Minister, Sh. Narendra Modi** in the august presence of **Col. Rajyavardhan Singh Rathore**, Minister of Youth Affairs and Sports, several dignitaries, coaches, participants, volunteers and the audience.

It was held under the Khelo India Programme aimed at providing a launchpad to the country's young and promising athletes to showcase their talent at the national level.

Seven members of the **DGI-NSS Wing** participated in the KISG as volunteers. These volunteers reported for the Orientation Training Program on 28 January 2018 at K D Jadhav Hall, Indira Gandhi Stadium New Delhi. Specific duties were assigned to each volunteer.

2018 KISG was held across 16 disciplines in Under-17 age category. The events included **Archery, Athletics, Badminton, Basketball, Boxing, Football, Gymnastics, Hockey, Judo, Kabaddi, Kho-Kho, Shooting, Swimming, Volleyball, Weightlifting, and Wrestling.**

5,000 school children from 29 States and seven Union Territories participated in mega sporting event. A total of 199 gold medals, 199 silver medals and 275 bronze medals were awarded at first KISG.

  
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Haryana emerged as overall champions, finishing with 102 medals, which included 38 gold, 26 silver and 38 bronze medals. Maharashtra finished second with 111 medals, which included 36 gold, 32 silver and 43 bronze medals. Delhi finished third with 94 medals, which included 25 gold, 29 silver, and 40 bronze.


The 1st KISG concluded on 8th February 2018 with the prize distribution. The Trophies for maximum participation were awarded to Uttar Pradesh, Maharashtra and Rajasthan in that order.

The Sports Minister, Col Rajyavardhan Rathore, presented the Top State, Haryana, the second placed Maharashtra and third placed Delhi with the glittering customised Trophy.

The volunteers were lauded for their contribution in making the 1st KISG a successful event. They received the Appreciation Certificates.

## LIST OF VOLUNTEERS FROM DGI

1	ABHISHEKK TIWARI
2	ANKIT DHOBAL
3	ASHISH KUMAR VERMA
4	AVINASH RANJAN
5	BISHAL KR SAHANI
6	DEEPAK YADAV
7	DEVESH PRATAP SINGH

  
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Link of the Event: <https://gnindia.dronacharya.info/events/KheloIndiaSchool.aspx?Month=Jan&Year=2018>

## QEEE Project Activity Signal System and Communication


Date of the event: 27-02-2018

No. of Participant: 11

Summary of the event: **QEEE Project Activity of Signal System and Communication** was organized by IIT, Madras under **D2S (Direct to Student) Program** at **Dronacharya Group of Institutions, Greater Noida** through ICT on **27 Feb 2018, 7 & 14 March 2018**. It was conducted by **Prof. Radha Krishna Ganti, IIT Madras**. **Mr. Amit Jain, Assistant Professor - ECE, DGI Greater Noida** was the Local Faculty Coordinator for the session. 11 students of **B. Tech (ECE) 6th Semester** registered and attended the session.

### Day 1: 28th February 2018

**Prof. Radha Krishna Ganti**, started the session with introduction of three Lab assignments, In lab 1, he explained the basic model of **Digital Modulation and Demodulation** using BPSK modulation scheme without any limit on

  
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channel bandwidth. The channel considered was having **AGWN (Additive Gaussian White Noise)**. He explained how to use the model to evaluate the performance of BPSK modulation using Mat Lab software. He also explained how to generate bits and map them to a constellation as well as how to evaluate the performance by drawing curve between **BER (Bit Error Rate)** and **SNR (Signal To Noise Ratio)**.

## Day 2: 7th March 2018


**Prof. Ganti** explained Lab Assignment 2. Moving ahead with the previous assignment, the channel considered was band limited and noise considered was **AGWN noise**. He then explained the characteristic of **RRC filter** and the procedure for performance evaluation of the model using **MatLab coding**.

## Day 3: 14th March 2018

**Prof. Ganti** started the session with the discussion on **I.S.I interference** in the same model as introduced in Lab 2. He explained the response and transfer function characteristic of zero forcing receivers to evaluate the performance of **Digital Communication System**.

For enhancing the knowledge of students, three Lab assignments were given to the students to gauge their understanding of **MatLab**.



  
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OEEE

**Signals Systems and Communications**

BY  
**PROF. RADHA KRISHNA GANTI**  
IIT Madras

Local Faculty : Mr. Amit Jain

28/02/2018	12:20 AM - 1:50 Noon
07/03/2018	12:20 AM - 1:50 Noon
14/03/2018	12:20 AM - 1:50 Noon

Venue : Dronacharya Group of Institutions, Greater Noida

Link of the Event: [https://gnindia.dronacharya.info/events/SignalSystem\\_2018.aspx?Month=Feb&Year=2018](https://gnindia.dronacharya.info/events/SignalSystem_2018.aspx?Month=Feb&Year=2018)

## Workshop on Microcontroller Design (MSP430)

Date of the event: 16-02-2018


No. of Participant:

Summary of the event: **Mr. Amit Jain**, Assistant Professor, Department of Electronics and Communication Engineering, **Dronacharya Group of institutions, Greater Noida** attended the **“Three Days workshop on Microcontroller Design(MSP430)”** organized by AKTU-Texas Instrument during **16 - 18 February 2018** at **Anand Engineering College, Agra**. The objective of the workshop was to train the faculty members about MSP430 launch pad and help them perform various lab experiments which have been introduced for 2nd and 3rd year students of Electronics and Communication Engineering.

### Day 1: 16 February 2018

The program started with the inaugural speech of **Prof (Dr.) Anil Kishore Saxena**, Director, Anand Engineering College. He shared his experience of embeded system development from his time to current scenario. Dr. Saxena said that industry oriented technologies and a state-of-the-art educational facility can help engineering students gain the technical expertise needed to become industry-ready when they graduate and go into the workforce. He expressed his happiness with the support rendered by Texas Instruments to build faculty capabilities at the university and the future initiatives that are planned for the students through this collaboration.

**Mr. Rahul Agrawal**, workshop coordinator welcomed all participants and trainer from Texas Instruments **Mr. Gaurav Prabhakar** and **Mr. Abdul Samad**.



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The workshop started with an Introduction to **MSP430** series platforms, need for Low Power Systems, MSP430's **Internal Architecture, Clock Systems, Low Power Modes**, MSP430 Launchpad and its Peripherals, resources for MSP430 & **Interpreting Datasheets** were explained. It was followed by a demonstration on understanding **Low Power Modes** and measuring current consumption for a simple application.

Day one ended with distribution of MSP430 launch pad to every participant for performing hands on session.

## Day 2: 17 February 2018

Day 2 of the workshop was aimed at providing hands on experience to the participants on the MSP430 and its applications based on the newly introduced curriculum. In the interactive lab session, handouts of the manuals for the experiments to be conducted were distributed to the participants. All the participants performed the tasks and verified the results using MSP430 under the supervision of the designated trainers **Mr. Gaurav and Mr. Abdul Samad**. The session helped the participants :

1. Learn and understand how to configure MSP-430F5529 Launchpad digital I/O pins (blinking LEDs, push buttons interface)
2. Enabling Low power modes using Interrupt based programming
3. Configure the MSP430 Launchpad for Low Power Mode and measure current consumption both in active and low power modes.
4. Learn and understand how to configure the PWM module, Implementing Embedded Wi-Fi using CC3100 booster pack

## Day 3: 18 February 2018

Day 3 started with hands on training and theory of timers, counters and their associated registers. Various codes of interfacing DC motor, Serial Communication Interface, UART programming and data logging applications were explained.


It was followed by the hands-on on **Master-Slave interfacing of MSP430**, using jumpers to connect pins of two launch pads. The participants then created their TI account and shared their design on it.

The workshop came to an end with a brief valedictory session followed by feedback from the participants.



Link of the Event:

[https://gnindia.dronacharya.info/events/Workshop\\_Microcontroller\\_Design2018.aspx?Month=Feb&Year=2018](https://gnindia.dronacharya.info/events/Workshop_Microcontroller_Design2018.aspx?Month=Feb&Year=2018)

  
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## QEEE session on Object Oriented Concepts - Classes and Data Abstraction- Operator Overloading-Inheritance

Date of the event: 14-03-2018

No. of Participant: 36

Summary of the event: **QEEE session on Object Oriented Concepts - Classes and Data Abstraction- Operator Overloading-Inheritance** was organized by IIT Madras under **Direct to Student (D2S) Program** at **Dronacharya Group of Institutions, Greater Noida** through ICT on **14th, 15th and 16th March 2018**. The course was conducted by **Prof. (Dr.) Rupesh Nasre**, Faculty IIT Madras and **Ms. Shanthi Makka** was the Local Faculty Coordinator for the Course. 36 students from B-Tech CSE, IT and CSIT 4th and 6th semesters enrolled for the course.

### Day 1: 14th March

The session started with the basic concepts of Object Oriented Programming. **Prof. Rupesh Nasre** has explained the role and need of C++ along with the comparisons with procedure oriented programming and Java. He described Classes and Objects with an example, data abstraction, and access permissions i.e., private, protected and public. Multiple programs were demonstrated to explain the difference between private, protected and public visibility modes.

### Day 2: 15th March


**Prof. Rupesh** started the session with a brief recapitulation of the previous concepts. He discussed the concept of Operator Overloading with syntax and benefits of the same. He then demonstrated how to overload unary operator and binary operator with an example. Later he explained in large software systems, it is not a good idea to start from scratch every time. He said that **Object Oriented Programming (OOP)** provides us with another interesting way to reuse the functionality of a class using the concept of Inheritance and then he explained different types of inheritance: Single inheritance, Multiple inheritance, Multi - level inheritance, Hierarchical inheritance and Hybrid Inheritance along with examples.

### Day 3: 16th March

**Prof. Nasre** resumed the session with basic concept of constructors, destructors, Pointer and inheritance. He then discussed Function Polymorphism, virtual functions and pure virtual functions with appropriate examples. Last he explained about binding, different types of binding i.e., non-virtual functions as static binding and virtual functions as dynamic binding with examples.

The three days session was very effective for the students as it was practical oriented. Overall session was very obliging as it imparted a conceptual knowledge in OOPs to the participants. Students learned **a)** how to organize various objects into a common form of classes, **b)** how to define the interface to access its members, and **c)** how to hide unwanted details and operator overloading.

The proctored Quiz was conducted on **12th April, 2018**.



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Link of the Event:

<https://gnindia.dronacharya.info/events/ObjectOrientedConcepts2018.aspx?Month=Mar&Year=2018>

## INTERNATIONAL YOGA DAY

Date of the event: 21-06-2018

No. of Participant: 85

Summary of the event: **International Yoga Day** was observed at **Dronacharya Group of Institutions, Greater Noida** on **21st June 2018** in association with **Sri Sri School of Yoga, Bangalore**. The Yoga Session was conducted by **Ministry Of Ayush** Certified Trainer, **Ms.Ragini Singh** and **Prof. Rajneesh Khare**, a spiritualist, associated with **Sidhyog Ashram**, which saw active participation from the students, teachers and staff members. The aim of the program was to inculcate the habit of **Yoga & Meditation** amongst the youngsters so that they can enjoy peace of mind and self-awareness, which is essence of stress-free existence.

The session started with the floral welcome of **Ms. Ragini Singh** and **Prof. Rajneesh Khare** by **Prof. Ashish Soti, Hon'ble Director, Dronacharya Group of Institutions, Greater Noida**. While addressing the audience, **Prof. Soti** emphasized on healthy development of mind, body and soul by mastering certain yoga postures.

**Ms. Ragini Singh** demonstrated various asanas such **Urdtadasan, Vrukshasan, Trikonassan,Urdchakrasan, Vajrasan, Shashkassan, Urdhmachudrasan, Padahastasan, Urdhhastasan, Shetubhadasan,Pawanpuktasan and Shawasan**. She explained the manner in which these asanas should be performed, the precautions to be taken and the likely effect they have on body and mind.



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**Prof. Khare** highlighted the importance of Yoga and Meditation and said that meditation is relaxation and not concentration. The overall benefits of meditations include a calm mind, enhanced concentration, improved clarity and communication and relaxation of mind and body. He advocated regular practice of meditation which has a profound impact on the core three areas of our existence - physical, mental, and spiritual.


The event concluded with memento presentation to **Ms. Ragini Singh**. The participants pledged to practice Yoga and even motivate others.

The program was coordinated by **Dr. S.K. Srivastava**, DGI-NSS Program Coordinator along with NSS team members **Ms. Devangi Grover** and **Mr. Prassan Sharma**.

Media Coverage : <http://parichowk.com/?p=11156>



Link of the Event: <https://gnindia.dronacharya.info/events/YogaDay2018.aspx?Month=June&Year=2018>

  
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## Summer Training Program on Core JAVA

Date of the event: 07-09-18

No. of Participant: 65

Summary of the event: **Department of Computer Science & Engineering, Dronacharya Group of Institutions, Greater Noida** organized a **Summer Training Programme on "Core JAVA" during 9th - 20th July 2018**. The training was imparted by **Ms. Shanthi Makka (HOD-CSE)** and **Ms. Kiran Singh (Assistant Professor, CSE)**.

Students of B. Tech 2nd and 3rd year from various departments of the institution participated in this training. The training was organized as a part of institution's continuous effort of developing project based learning approach in students through practical sessions.

The program started with a motivating speech by **Honorable Director, Prof.(Dr.) Ashish Soti**. He encouraged the participants and suggested them to take up some projects using Java at the end of their training.

**Prof. Shanthi Makka** started the session with the basic concepts of Object Oriented Programming. She explained Objects, Classes, Inheritance, Data Abstraction, Polymorphism, Message Passing and Dynamic Binding along with real life examples. During the session, **Prof. Makka** also discussed the History and Features of Java, difference between JDK, JRE and JVM, Internal Details of JVM, Variable and Data Type, Advantage of OOPs, Application of OOPs, Java Tokens, Java Statements, command line arguments, constants, variables, scope of variables, Type Casting, Operators and Expressions, Operator Precedence and Associativity.


During another session, **Ms. Kiran Singh** explained how to set up a path and discussed about Decision Making & Branching Statements, Looping, Class, Objects & Methods, Constructor, Method Overloading, Static Members, Nesting Methods, Overriding Methods, Inheritance & its types, Final variables and Methods, Finalizer Methods, Abstract Methods and Classes, Visibility Control, Arrays, Strings and Vectors, String Comparison, Laboratory sessions were conducted on all days to make the participants understand the application of Core JAVA.

During another sessions, participants were explained the Wrapper Classes, Auto Boxing and Unboxing, Enumerated Types, Interfaces, Thread Priority, Synchronization, Managing Errors and Exceptions, Applet Programming, Passing Parameters to Applet, Graphics Programming, Managing Input and Output Files - Stream classes, Input and Output Exceptions, Creating Files,.

After the end of training sessions, students developed a project for Calculator using GUI and another project for Students' Record Management System by connecting MS-Access with Java by using MS-Access JDBC Driver.

The training concluded with the evaluation of projects and assignments submitted by the students.



  
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**DRONACHARYA**  
Group of Institutions

Department of CSE, CSIT & IT  
**SUMMER TRAINING PROGRAM-2018**

- CISCO Routing & Switching Essential
- Core Java
- Arduino
- Reasoning & Aptitude, Verbal Ability

9th - 20th July 2018

Venue : Dronacharya Group Of Institutions, Greater Noida | Contact No.: 0120-2322022

Link of the Event: <https://gnindia.dronacharya.info/events/SummerTrainingJava.aspx?Month=Jul&Year=2018>

## Summer Training Programme On Arduino

Date of the event: 07-09-18

No. of Participant: 65

Summary of the event: **Department of Computer Science & Engineering, Dronacharya Group of Institutions, Greater Noida** organized a **Summer Training Programme on "ARDUINO"** during **9th -20th July 2018**. The training was imparted by **Asst. Professor Ms. Monu Singh**.

Students of B. Tech 2nd and 3rd year from various departments of the institution participated in this training. The training was organized as a part of institution's continuous effort of developing project based learning approach in students.


### The training was conducted with the following objectives:

1. To create awareness about Arduino programming among the students.
2. To demonstrate the advantages of Arduino microcontroller and their applications in several fields.
3. To discuss the industrial application of Arduino and encourage students for control and automation projects using Arduino.

Inaugurating the program on **9th July 2018**, **Hon'ble Director, Prof.(Dr.) Ashish Soti** advised the students to learn all such Technical and Programming skills which have become indispensable for one's professional growth.

**Ms. Monu Singh** started the proceedings of the training with the introducing of Arduino. She said that Arduino provides the engineers, artists, designers, hobbyists and anyone who tinker with technology with a low-cost, easy-to-use technology to create their creative, interactive objects, useful projects etc., A whole new breed of projects can now be built that can be controlled from a computer.

**Ms. Monu Singh** explained the educational and industrial applications of Arduino. After familiarizing the participants with various microcontrollers, Arduino boards, their hardware description and various sensors **Ms. Singh** introduced Arduino's **Integrated Development Environment (IDE)** which she said is a cross-platform application written in the programming language Java and includes a code editor to compile and upload programs



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to an Arduino board. The participants then learned the basic syntax and programming structure of Arduino C/C++ program. **Ms. Singh** helped the participants in installing IDE and with hands-on practice concurrently cleared their doubts.

Before the end of each day, an extensive practice session on programming and controlling LEDs and seven segment displays was done.


During this training participants learned about Lighting LED with Arduino, Concept of Serial Monitor (Output), Loops, Analog Voltages, Creating a dimmable LED, Reading Strings from Serial Monitor (Input), Controlling RGB LED, Controlling RGB with Color Sensor, Ultrasonic Sensor and it's applications, Controlling servo with Potentiometer, Logging Sensor Data onto SD card, creating a GPS tracker, proximity sensor and other peripherals using Arduino. Participants also learned about theory and programming of various timers interrupts and gained insight of various real time applications of Arduino. They were provided with rich hands-on experience of all the peripheral integration, programming and controlling.

At the end of training, the following projects were submitted by the students:

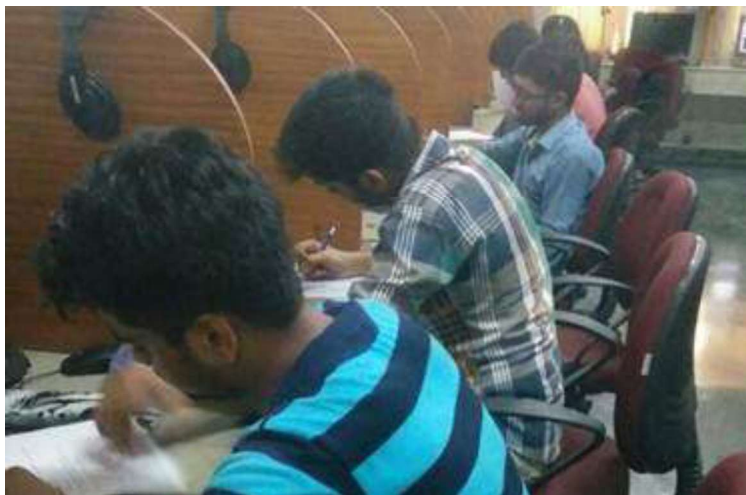
1. Digital Dice using Arduino
2. Smart Blind Stick using Arduino
3. Advanced car parking system using Arduino

The training concluded with the evaluation of projects and assignments submitted by the students. During the feedback session, participants appreciated the effort of Ms. Monu Singh which helped them understand and learn a fairly new platform.



  
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Link of the Event: <https://gnindia.dronacharya.info/events/SummerTrainingArduino.aspx?Month=Jul&Year=2018>

## One Day Hands-on Workshop on JAVA

Date of the event: 17-09- 2018

No. of Participant: 135

Summary of the event: **Department of Computer Science & Engineering, Dronacharya Group of Institutions, Greater Noida** organized a **One Day Hands on Workshop on JAVA** on **17th September 2018** in association with **DGI - CSI Student Branch**. The workshop was organized for the students of B. Tech 3rd and 4th year CSE and CSIT Department as a part of institution's continuous effort of developing project based learning approach in students through practical sessions.


The training was imparted by **Mr. Somprakash Rai, CEO - JTC Noida**.

The program started with a motivating speech by **Honorable Director, Prof. (Dr.) Ashish Soti**. He encouraged the participants and suggested them to take up some projects based on the learning gained after the workshop.

Giving an overview of JAVA, **Mr. Rai** said that it has significant advantages not only as a commercial language but also as a teaching language. He said that it allows students to learn object-oriented programming without being exposed to the complexity of C++. It provides the kind of rigorous compile-time error checking typically associated with Pascal. It also allows instructors to introduce students to GUI programming, networking, threads, and other important concepts used in modern-day software.

**Mr. Rai** started the first session with the explanation of various software development building approaches which included a detailed discussion of client side and server side scripting including the theoretical concept of Spring and Hibernate. **Mr. Rai** then discussed current topics in core JAVA which are frequently asked in technical interviews.

During the second session **Mr. Rai** deliberated upon **Core JAVA Concepts** in detail. He focused on **Objects, Classes** and **Hash Code** concepts of JAVA in depth.



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The workshop helped the participants understand the significance of Java.

Asst. Professor, **Mr. Bipin Pandey** proposed the Vote of Thanks.



Link of the Event:


<https://gnindia.dronacharya.info/events/OnedayWorkshopJava2018.aspx?Month=Sep&Year=2018>

## One Day Workshop on Web Development

Date of the event: 09-01-18

No. of Participant: 60

Summary of the event: **Department of Computer Science Engineering, Dronacharya Group of Institutions, Greater Noida** organized a **One Day Workshop on WEB DEVELOPMENT** on **1st September 2018** in association with **DGI-CSI Student Branch**. The workshop was organized as a part of institution's continuous effort of developing project based learning approach in students through practical sessions. The training was imparted by **Mr. Bipin Pandey**, Assistant Professor - CSE which was attended by CSE / CSIT students of B. Tech 2nd year.

  
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The program started with a motivating speech by **Honorable Director, Prof. (Dr.) Ashish Soti**. He encouraged the participants and suggested them to take up some projects at the end of their workshop, based on web development.

**Mr. Pandey** started the first session explaining various software development building approaches which included a detailed discussion of client side and server side scripting including the theoretical concept of **DBMS**. He also explained how the data is actually migrated from client to server in real time systems using the concept of client server architecture.

During Session 2, **Mr. Pandey** conducted a session on **XHTML and CSS** followed by students creating complete web pages with various features.


The workshop concluded with the assignments discussion which has to be submitted by the students.

**Ms. Monu Singh (HOD-CSE)** proposed the **Vote of Thanks**.



Link of the Event:

<https://gnindia.dronacharya.info/events/OneDayWorkshopDevelopment2018.aspx?Month=Sep&Year=2018>

  
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## A one day workshop on Business Dining Etiquettes

Date of the event: 11-02-18

No. of Participant: 20

Summary of the event: **Department of Management Studies, Dronacharya Group of Institutions, Greater Noida** organized a one day workshop on **Business Dining Etiquettes** on **2nd November 2018**. The workshop was inaugurated by Hon'ble Director-DGI, **Dr. Ashish Soti** and **Prof. B.L Kaul**, Registrar-DGI.

Basic common dining etiquettes which are adopted throughout the world were the main focus area of the workshop in order to help the future Managers inculcate the same and adopt them during their professional journey.

Addressing the students, **Dr. Soti** gave a brief introduction about the changing pattern in modern business practices and explained how dining etiquettes are playing a vital role in modern business format. He said that due to globalization, the world today is considered as an international village and for all business tycoons, majority of business deal is happening over a cup of tea or over the lunch.

**Dr. Azad Singh**, Assistant Professor, Department of Management Studies and Workshop Coordinator, provided a brief about modern business practices and said that world's big business players are adopting virtual working culture and conduct meetings at any place. As such, dining etiquettes are becoming an inevitable learning requirements because people are moving across the continents and experience different cultures from various countries.

The workshop was divided into two parts. The morning session was scheduled for learning through audio visual mode and the post lunch session was scheduled for practical session.

The workshop provided an opportunity for the students to learn:

***Event Planning***


***Designing and decorating Dining Hall and Table***

***How to serve food***

***How to use different types of utensils in business meetings***

***Various behavior and manner***

**Dr. Sahab Singh, HoD-MBA**, congratulated the students for having learned and perform as per expectation. He also thanked the Coordinator, **Dr. Azad Singh** for his efforts in making the workshop a true learning experience for the students.



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Link of the Event: <https://gnindia.dronacharya.info/events/WorkshopBusiness-2018.aspx?Month=Nov&Year=2018>


## **Dr. Abdul Kalam Technical, Literary and Management Fest 2018-19 (Zonal)**

Date of the event: 30-01- 2019

No. of Participant: 53

Summary of the event: **Dr. APJ Abdul Kalam Technical University, Lucknow** conducted the **Dr. Abdul Kalam Technical, Literary and Management Fest 2018-19 (ZONAL LEVEL)** on **30th and 31st January 2019** at **Greater Noida**.

53 students from **Dronacharya Group of Institutions, Greater Noida** participated in various events like **Check Your Knowledge, Bridge Kriti, Robo War, Business Plan. Just a Minute, Frugal Engineering (Jugad), Coding Contest, Debate English / Hindi, Technical Poster, Robo Racer** etc.


  
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Participants came up with their brilliant ideas and creativity and won prizes in different categories.

Detail of winners:

Team	Event Name	College Roll No.	Event Members	Prize
Team 1	Frugal Engineering	DGIGN-2018-CSIT-13495	Aman Aggarwal	First
		DGIGN-2018-CSIT-13517	Manav Anand	
		DGIGN-2018-CSIT-13514	Kartik Goswami	
Team 2	Frugal Engineering	DGIGN-2016-CSIT-11023	Dravid Nagi	Second
		DGIGN-2017-CSIT-12626	Tushar Tayal	
		DGIGN-201-CSIT-12011	Anjali Rai	
Team 3	Frugal Engineering	DGIGN-2017-CSIT-12580	Aditya Goswami	Third
		DGIGN-2017-ECZ-12660	Nupur Panigrahi	
		DGIGN-2017-CSIT-12594	Gaurav Tiwari	
Team 4	Technical poster	DGIGN-2017-CSE-12085	Somya Das	First
		DGIGN-2017-CSE-12084	Shubham Kumar	
Team 5	Technical poster	DGIGN-2017-CSE-12013	Anshika Srivastava	Second
		DGIGN-2017-CSE-12036	Kaushal Vir Jainer	
Team 6	English Debate	DGIGN-2015-CSE-10067	Shivani Lal	Second
		DGIGN-2015-CSE-10066	Shiv Kumar Arora	
Team 7	Robo Race	DGIGN-2018-CSE-13017	Aman Chawla	First


  
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Team	Event Name	College Roll No.	Event Members	Prize
		DGIGN-2016-CSE-11093	Tanish Saxena	
		DGIGN-2016-CSE-11100	Vijay Shankar	
		DGIGN-2016-CSE-11081	Shivam Yadav	
Team 8	Robo War	DGIGN-2018-CSE-13017	Aman Chawla	Second
		DGIGN-2016-CSIT-11023	Dravid Nagi	
		DGIGN-2016-CSIT-11031	Jaspreet Singh	
		DGIGN-2017-CSIT-12626	Tushar Tayal	
Team 9	Business Plan	DGIGN-2016-CSE-11052	Nipun R Navadia	Second
		DGIGN-2015-CSE-10030	Kapil Choudhary	

**Prof. (Dr.) Ashish Soti, Hon'ble Director - Dronacharya Group of Institutions, Registrar Prof. B.L. Kaul, HODs and staff members congratulated the winners on their achievement.**



  
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Link of the Event: <https://gnindia.dronacharya.info/events/ManagementFest2019.aspx?Month=Jan&Year=2019>

## National Voters' Day

Date of the event: 25-01-2019


No. of Participant: 250

Summary of the event: **NSS Wing of Dronacharya Group of Institutions, Greater Noida** observed the **National Voters' Day** on **25th January 2019**. To mark the occasion, an Oath taking ceremony was organized to raise awareness about one's voting rights and its importance in Nation Building.

Speaking on the occasion, **Prof.(Dr.) Ashish Soti, Hon'ble Director - DGI** said that the **National Voters' Day** was initiated in 2011 to commemorate the Foundation Day of the **Election Commission of India (ECI)** which came into existence on **25th January 1950**. This day is also utilized to spread awareness among voters regarding effective participation in the electoral process.

**Dr. S. K. Srivastava, NSS Coordinator**, urged the eligible students to exercise their Right to Vote and contribute to the sustenance of Indian democracy.



  
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Link of the Event: <https://gnindia.dronacharya.info/events/NationalVotersDay2019.aspx?Month=Jan&Year=2019>

## Panel Discussion On International Best Practices of Academia Corporate Interface in Research and Innovation

Date of the event: 17-01- 2019


No. of Participant: 2

Summary of the event: A One Day Panel Discussion On International Best Practices of Academia Corporate Interface in Research and Innovation was held during Higher Education Forum-India 2019, organized by PHDCCI in association with Canada India Foundation at PHD House, New Delhi on 17th January, 2019. Dr Azad Singh, Assistant Professor (MGT) along with students Ms. Tanya Yadav (MGT) and Ms. Mahima Narula (MGT) attended the same.

The panelists included representatives from Canadian and Indian Educational Institutions, Government officials and representatives from Canadian and Indian private sector corporate. The forum was Mr. Nishant Berlia (Chairman, Education Committee PHDCCI) formally started the session with his keynote address, Further remarks were delivered by:

1. Mr. Pankaj Dave (Co-Convener Canada India Foundation),
2. Dr. Rubina Mittal (Co-Chairperson, Education Committee, PHDCCI) and
3. Dr. Vishwa Mohan Bansal (Co-Chairperson, Education Committee, PHDCCI).

Mr. Pankaj Dave addressed the various issue in order to strengthen education linkages and cooperation between Canadian and India Higher Education Institutions and discussed government's initiatives in shaping higher education.

  
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**Dr. Rubina Mittal** focused on how the academicians should encourage students to work towards Research & Innovation. She advised to breakdown complex things to molecular level so that research become more simple.

After the compilation of key note, power panel discussion was started, headed by **Mr. Nirav Bhatt, (Barrister & Solicitor, Astha Lawyers)** and other key panelist explained and shared their views on emerging issues in Academia and Industry relation and development. **Mr. Nirav** also briefed about Immigration issues between India and Canada and shared his group **Astha Lawyers** experience and expertise with the audience.

The major point of Panel Discussion was to develop Interconnectivity between Research, Innovation, Technology, Enterprise and Education in international framework between India and Canada and further understand the future direction within the same line.

The forum further discussed about how education needs to change to reflect the needs of the industry. **Dr. H Purushotham** highlighted the major burning issues in Intellectual Property and provided a brief overview on **National Research Development Corporation** and its services.


**Prof. Bihu Biswal** discussed how we can build a bridge between Indian Academia and Industry by providing few previous years examples like Cluster Innovation Center and highlighted why this kind of program generally fail.

The forum further headed by **Ms. Nivedita Das Kundu** and **Ms. Chetna Desai** focused on the recent issues in Indian Academia and said that there are no such kind of long term program which is running with the help or collaboration of academia and industry together.

**Dr. S K Salwan** asked all academicians to encourage their students to indulge in more research and innovation and advice and guide them for Starts Ups.

The event came to an end with the formal interactions and high tea.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/HigherEducation\\_ForumIndia2019.aspx?Month=Jan&Year=2019](https://gnindia.dronacharya.info/events/HigherEducation_ForumIndia2019.aspx?Month=Jan&Year=2019)


## SMART INDIA HACKATHON 2019 GRAND FINALE (SOFTWARE EDITION)

Date of the event: 03-02-19

No. of Participant: 6

Summary of the event: The **Grand Finale** of the **Software edition** of **Smart India Hackathon 2019** was held on **2nd - 3rd March 2019** at 48 nodal centers all across the country during which more than 1500 teams (6 participants per team) competed non-stop for 36 hours. **Team ROUBUSTO** of **Dronacharya Group of Institutions, Greater Noida** was selected for the final round held at the nodal centre, **Guru Nanak Institute Of Technology, Kolkata**. Team Robusto, mentored by **Mr. Rajat Kumar** consisted of the members:

Role	Name	Roll No.	Year/Dept.
Team Leader	Shubham Kumar	12081	2nd/CSE
Team Member	Somya Das	12085	2nd/CSE
Team Member	Ritik Verma	12071	2nd/CSE

  
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Role	Name	Roll No.	Year/Dept.
Team Member	Shakti Saurav	12078	2nd/CSE
Team Member	Nipun R Navadia	11052	3rd/CSE
Team Member	Apratim Kumar Singh	10013	4th/CSE

**Smart India Hackathon 2019** is a non-stop digital product development competition, where problem are posed to engineering students for innovative solutions. More than 500+ problem statements had been posted from several prestigious private sector organizations and different government ministries for which more than 57897 ideas were submitted by 34815 Teams from 2235 institute all across the country. Out of these ideas, 1500 teams were shortlisted for the grand finale of SIH 2019.

The Grand Finale at GNIT, Kolkata was inaugurated by the **Chief Guest - Major General Dr. Souresh Bhattacharya** on **2nd March 2019** with the lighting of the lamp. **Sardar Jodh Singh**, Chairman, GNIT delivered the Welcome Address. It was followed by live video speeches by **Dr. Anand Deshpande**, Chaiman and MD, Persistent System and Co-Chair, Organizing committee, Smart India Hackathon, **Prof. Anil Sahasrabudhe**, Chairman, AICTE, and **Shri Prakash Javadekar, Hon. Minister of HRD**.

The nonstop 36 hour Hackathon had two training sessions of 7-10 minutes per team.

Team **ROBUSTO** Project idea was Smart Renting named **RENTWAY**. The idea was to build an application, which helps to rent different item online.

Trainer **Mr. Swastik Mishra (Senior Solutions Architect, AI/ML & Cognitive in Ericsson India)** sought information regarding the basic requirement of Software that Team Robusto planned to develop. He encouraged the team and wished them luck.

During the first round of evaluation, the teams had to present their idea within 4 minutes followed by Q&A for next 3 minutes.


The first round of evaluation was followed by second round of mentoring and the recreational activity followed by a Yoga session.

The second round of evaluation started at 9:00 am on **3rd March 2019**. It was evaluated by a 3-member panelists.

It was followed by power mentoring and the third and final round of evaluation where the judges laid emphasis on the implementation of ideas.

The Valedictory Session started at 8:00 PM. Guest of Honour, **Prof. (Dr.) Phalguni Gupta, Director, NIITR-Kolkata**, gave away prizes and Mementoes to the winners and all other participants.

The Grand Finale of SIH 2019 concluded with the singing of the National Anthem.



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Link of the Event:

<https://gnindia.dronacharya.info/events/SmartIndiaHackathon2019.aspx?Month=Mar&Year=2019>

## Four Weeks Summer Training Program on Cisco Networking

Date of the event: 06-10-19

No. of Participant: 38


Summary of the event: A **Four Week Summer Training Program on CISCO - Module-I (CCNA-R&S: Introduction to Network)** was organized at **Dronacharya Group of Institutions, Greater Noida** from **10th June 2019 to 5th July 2019**. The workshop was conducted by **Mr. Manoj Kumar Yadav, Instructor, Cisco Networking Academy, Dronacharya Group of Institutions**. 38 students of B.Tech First Year CSE/CSIT/IT attended the training program.

The objective of this training was to enhance the technical and practical knowledge in the field of Computer Networking so that the participants can understand the actual process of network communication and the power of network protocols.

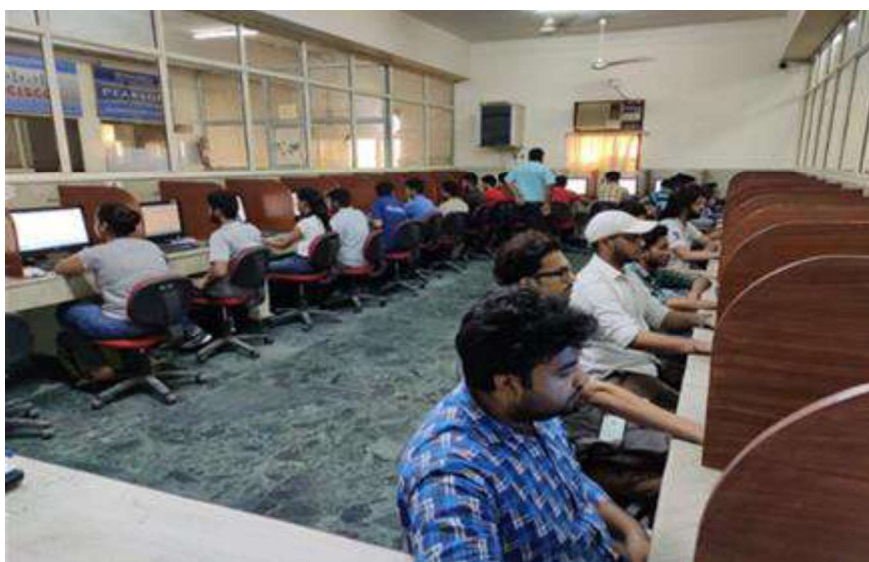
Along with the lecture, technical sessions were conducted on Networking Module, Ethernet, Network Layer and Transport Layer, Structure of an IPv4 address and IP addressing services including DNS and DHCP.

To gauge the participants learning outcome from the training session, a Practical and the On-line Packet Tracer exam was conducted.

The training program ended on **5th July 2019** with the presentation by the participating candidates.


  
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# DRONACHARYA GROUP OF INSTITUTIONS GREATER NOIDA



Link of the Event:

[https://gnindia.dronacharya.info/events/Four\\_Weeks\\_Summer\\_15112019.aspx?Month=June&Year=2019](https://gnindia.dronacharya.info/events/Four_Weeks_Summer_15112019.aspx?Month=June&Year=2019)

  
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## Workshop on Computer Network

Date of the event: 16-08-2019

No. of Participant: 48

Summary of the event: **Mr. Manoj Kumar Yadav, (Assistant Professor, Dronacharya Group of Institutions) Instructor of Cisco Networking Academy** conducted one-day workshop on "**Computer Network**" at **Bal Bharti Public School, Noida** on **16th August 2019**. 48 students attended the workshop.

The objective of the workshop was to make participant understand the actual process of network communication and the power of network protocols.


**Mr. Manoj Yadav** started the session with a lecture on Networking Module. Exploring the Network, Configuring a Network Operating System, IPv4, Network Protocols and their Communications were the topics explained by **Mr. Yadav**.

Later **Mr. Yadav** explained how multiple networks are used in everyday life and the usage of the topologies and devices in a small to medium-sized business network through practical exposure on CISCO-Packet Tracer Simulator.

Session on Ethernet, Network Layer and Transport Layer, operation of the Ethernet sub-layer, the purpose and characteristics of the Ethernet MAC address were explained by him.

At the end students cleared their doubts with **Mr. Yadav**.



  
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Link of the Event:

[https://gnindia.dronacharya.info/events/Workshop\\_on\\_Computer\\_Network\\_04102019.aspx?Month=Aug&Year=2019](https://gnindia.dronacharya.info/events/Workshop_on_Computer_Network_04102019.aspx?Month=Aug&Year=2019)

## International Conference on Management : Wining in a VUCA World

Date of the event: 10-04-19

No. of Participant: 3

Summary of the event: Students from the Department of Management Studies, **Ms. Mahima Narula**, **Ms. Tanya Yadav** and **Mr. Siddharth Chaudhary** along with their guide **Dr. Azad Singh**, Assistant Professor, MBA Department, Dronacharya Group of Institutions, Greater Noida presented their research paper entitled "Quality of Work Life in Service Sector in India" in "The International Conference on Management: Wining in a VUCA World" held at NCU, Gurugram, Haryana on **4th October 2019**.

The theme of the conference was "**How management professionals can achieve their goals in VUCA (Volatility, Uncertainty, Complexity and Ambiguity) World.**"

The conference was attended by eminent Academicians and Guests including: **Mr. D. P. Goel (Industrialist & Entrepreneur and CEO-WINNTUS Group)**, **Ms. Tamanna Khanna (VP & Head HR, Vihaan Networks)**, **Prof. Vipin Gupta (California State University, Recorded Talk)**, **Mr. Rajesh Parikh (VP, GTIS, Gurgaon)**, **Prof. (Dr.) D.R. Agarwal (Prof. Emeritus, Starex University)**, **Mr. Gagan Saxena (Founder & CEO, HQBE)** and **Mr. Deepak Bharara (Director-People, A2Z)**.

The conference started with the welcome address by **Prof. Hemant Trivedi**, **Prof. H.B. Raghvendra** and **Dr. Prem Vrat**. They shared their views on business environment and the changing phenomena in business scenario, which are forcing organizations to constantly revise the model they operate in.

Mr. Goel explained how he converted his one-time small company into a business empire. **Ms. Tamanna** discussed modules for survival in a VUCA world. She stressed upon **Continuous Learning**, **Resilience** and **Reflection** that everyone must follow.

The conference concluded with the announcement of the best paper.

  
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Link of the Event:

<https://gnindia.dronacharya.info/events/InternationalConferenceonManagement.aspx?Month=Oct&Year=2019>

## Session on C+ DS+ ALGO

Date of the event: 29-06-2021

No. of Participant: 475


Summary of the event: **Dronacharya Group of Institutions, Greater Noida** under the banner preparing students for ISRO Recruitment organized session on **C+ DS+ ALGO** on **29<sup>th</sup> June 2021**. **Prof. Yashwardhan Soni** was the mentor of the session.

The objective of the session was to guide how to prepare for the ISRO recruitment.

**Indian Space Research Organization (ISRO)** is the space agency of the Government of India. ISRO is engaged in Research and Development activities in development of Space Application, Space Science and Technology for the benefit of society at large and for serving the nation by achieving self-reliance and developing capacity to design and build Launch Vehicles and Communication/Remote Sensing Satellites and thereafter launch them. Every year ISRO recruits ECE, ME, EEE and CSE Department students for the post of scientist.

**Prof. Soni** started the session with the explanation of basics of the C Programming. Next he explained some of the important related topics - Recursion, Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs. Moving the session further he explained to the students' basics of Algorithms and topics to prepare in algorithms according to the pattern asked in the examination. He also told students to prepare for the topics based on their weightage in the question papers. He suggested students to solve as many previous year question papers as possible to understand the type of questions asked in the examinations.

Overall it was an informative session for the students.

  
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Link of the Event: <https://gnindia.dronacharya.info/events/ISRO-Recruitment-ds-algo-28072021.aspx?Month=Jun&Year=2021>

## INTERNATIONAL YOGA DAY

Date of the event: 21-06-2021

No. of Participant: 70

Summary of the event: Yoga is the invaluable gift of India’s ancient tradition. It’s not about exercise but to discover the sense of oneness with you, the world and the nature. – **PM Narendra Modi**.

In an effort to participate actively in the **International Yoga Day**, the **NSS Wing of Dronacharya Group of Institutions, Greater Noida** organized a **Yoga Session on 21st June 2021** for the students, faculty and staff members.


Celebrated on **June 21, International Yoga Day** commemorates the physical and spiritual prowess that yoga has brought to the world stage. The nature of yoga is to shine light of awareness into darkest corners of your body. The purpose of yoga is to build strength, awareness and harmony in both the mind and the body. It is a great way to work on your flexibility and strength.

Inaugurating the session, **Dr. SK Srivastava**, NSS Coordinator said, during the current pandemic situation where minds are stressed and souls are disheartened yoga is ultimate solution to channelize positive energy and to neglect the negativity around us.

To learn the artwork of awareness on body, mind and soul the faculty members under the guidance of **Mr. Bhuvnesh Khare ( Yoga Guru )** actively performed the various yoga poses and inhaled the fresh air of positivity amid the crisis.

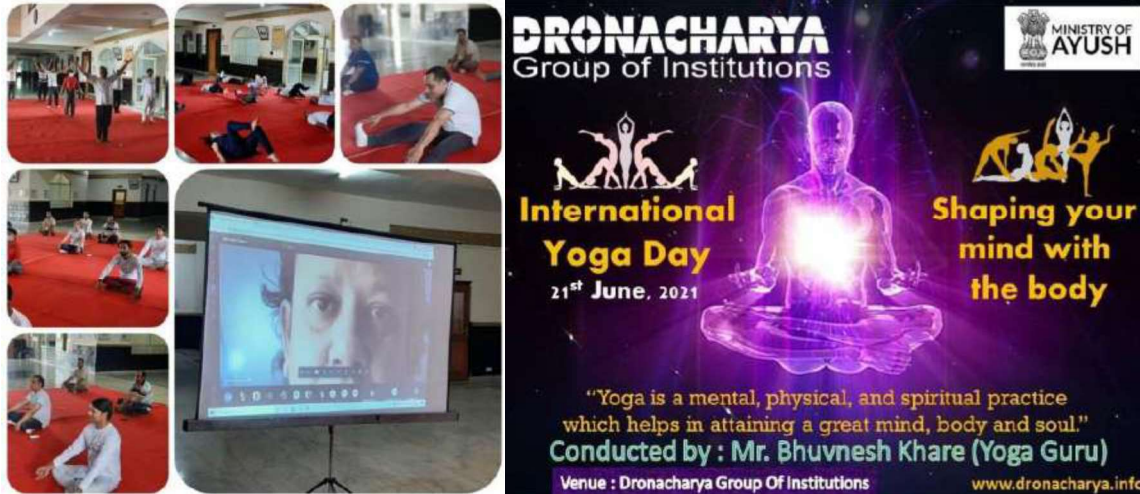
The day ended with a vote of thanks by **Dr. SK Srivastava**. He expressed his heart-felt gratitude to everyone for participation in the International Yoga Day. He also thanked **Mr. Bhuvnesh Khare ( Yoga Guru )** for conducting the Yoga session and teaching important Asanas, Meditation and its benefits in maintaining good health.

**“Yoga adds years to your life and life to your years”**

  
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Link of the Event: <https://gnindia.dronacharya.info/events/International-YogaDay2021.aspx?Month=Jun&Year=2021>

## Session on "C Programming"

Date of the event: 14-06- 2021

  
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No. of Participant: 25

Summary of the event: CSI Student Chapter, **Dronacharya Group of Institutions, Greater Noida** organized a session on "C Programming" from **14<sup>th</sup> - 18<sup>th</sup> June 2021** for ECE, EEE & ECS students. **Prof. Neha Singla** took the session.

The objective of the session was to make students learn the basics of C Programming.

**Prof. Neha Singla** started the session with the discussion of importance of C Programming for ECE and EEE students. She told students C language as it is more interacted with hardware which has less extensibility.

Moving the session further, she explained some of the the important topics in c programming. Topics that she covered during the session were

1. Control flow system
2. Arrays
3. Pointers
4. Function
5. Structures
6. File handling
7. Gaming Application
8. Operator precedence


In the end students cleared their doubts regarding the topic. The session was informative as students of core department learned the basics of C programming.



The poster features a portrait of Prof. Neha Singla on the left. The text on the right includes the organization name, session title, dates (14<sup>th</sup> to 18<sup>th</sup> June 2021), time (9:00 AM - 12:00 PM), and a list of topics: Control Flow Statements, Arrays, Pointers, Function, Structures, File Handling, Gaming Application, and Operator Precedence. A logo for the Computer Society of India is in the top right corner.

Link of the Event: <https://gnindia.dronacharya.info/events/Session-C-programming-05072021.aspx?Month=Jun&Year=2021>

**Strengthening Your SOFT SKILLS in the Workplace**

  
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Date of the event: 11-03-20

No. of Participant:

Summary of the event: Dronacharya Group of Institutions, Greater Noida organized an Induction Program "Prarambh- A New Beginning 2020" for First Year Students (Batch 2020-2021) from 3rd-12th November 2020. Many experts from industry and academia were the speakers of the sessions.




Link of the Event: <https://sway.office.com/ZAEVW7lxtp5aAHSE>

## One Week Workshop on Hardware Programming Using Arduino

Date of the event: 11-01-21

No. of Participant: 60

Summary of the event: Department of ECE & EEE, Dronacharya Group of Institutions, Greater Noida organized an event "Electro Thinker" from 11th -16<sup>th</sup> January 2021. Under the event one week workshop on Hardware Programming Using Arduino was conducted. Prof. Probeer Sahw, Faculty member was the instructor was the workshop.

  
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Link of the Event: <https://sway.office.com/IB2QjcdAUBkJIaMA>

## Webinar on “Getting Started with Problem Solving”

Date of the event: 14-05-2021

No. of Participant: 140

Summary of the event: CSE Department, Dronacharya Group of Institutions, Greater Noida organized a webinar on “Getting Started with Problem Solving” for 1st, 2nd and 3rd Year students on 14th - 15th May 2021. Prof. Ashima Mehta, CSE Department along with codechef coordinators Vivek Yadav and Anubhav Sharma conducted the webinar.

Link of the Event: <https://sway.office.com/uNJ3V2GSzZzJexqR>

  
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## Awareness Session on “Career and Skill Development”

Date of the event: 15-05-2021

No. of Participant: 140

Summary of the event: : CSE Department, Dronacharya Group of Institutions, Greater Noida organized a webinar on “Getting Started with Problem Solving” for 1st, 2nd and 3rd Year students on 14th - 15th May 2021. Prof. Ashima Mehta, CSE Department along with codechef coordinators Vivek Yadav and Anubhav Sharma conducted the webinar.




Link of the Event: <https://sway.office.com/uNJ3V2GSzZzJexqR>

## Online Skill Development Program on “Verilog”

Date of the event: 17-05-2021

No. of Participant: 60

Summary of the event: Dronacharya Group of Institutions, Greater Noida organized an online skill development program on “Verilog” for 3rd Year students of ECE and EEE from 17th - 21st May 2021. Ms. Manisha Bisht Assistant Professor, ECE Department was the eminent speaker of the session.

  
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**DRONACHARYA**  
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▶ Online Skill Development  
Program on  
**“Verilog”**

Date : 17 to 21 May, 2021

Time : 1 PM to 2:30 PM

For 3<sup>rd</sup> Year Students of ECE and EEE

**Ms. Manisha Bisht**  
Assistant Professor, Dept. of ECE

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Link of the Event: <https://sway.office.com/uNJ3V2GSzZzJexqR>

## Online Skill Development Program on “Matlab & Scilab”

Date of the event: 17-05-2021

No. of Participant: 70

Summary of the event: Dronacharya Group of Institutions, Greater Noida organized an online skill development program on “Matlab and Scilab” for 2nd Year students of ECE, ECS and EEE Department from 17th - 21st May 2021. Mr. Krishanu Kundu Assistant Professor, EEE Department was the eminent speaker of the session.

**DRONACHARYA**  
Group of Institutions

▶ Online Skill Development  
Program on  
**“MATLAB & Scilab”**

Date : 17 to 21 May, 2021


Time : 1 PM to 2:30 PM

For 2<sup>nd</sup> Year Students of ECE, EEE & ECS

**Mr. Krishanu Kundu**  
Assistant Professor, Dept. of EEE

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Link of the Event: <https://sway.office.com/uNJ3V2GSzZzJexqR>

  
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